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 <213> Homo sapien

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 <211> 744
 <212> DNA
 <213> Homo sapien

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<210> 13
 <211> 799
 <212> DNA
 <213> Homo sapien

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<211> 493
<212> DNA
<213> Homo sapien
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<211> 1412
<212> DNA
<213> Homo sapien
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<210>	19
<211>	383
<212>	DNA
<213>	Homo sapien

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<211> 1804
<212> DNA
<213> Homo sapien
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<210> 21
<211> 252
<212> DNA
<213> Homo sapien
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<210> 22
<211> 1595
<212> DNA
<213> Homo sapien
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<210> 23
 <211> 297
 <212> DNA
 <213> Homo sapien

<400> 23
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<210> 24

<211> 900
 <212> DNA
 <213> Homo sapien

<400> 24
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<210> 25
 <211> 908
 <212> DNA
 <213> Homo sapien

<400> 25
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 <211> 5574
 <212> DNA
 <213> Homo sapien

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<212> DNA
<213> Homo sapien
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caattttttt tttttttttt ttttagacat gaccaattta ttcagagaat tcaaatattcg    180
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 <213> Homo sapien

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 <212> DNA
 <213> Homo sapien

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 <211> 2408
 <212> DNA
 <213> Homo sapien

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 <213> Homo sapien

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 <213> Homo sapien

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 <212> DNA
 <213> Homo sapien

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<211> 951
<212> DNA
<213> Homo sapien

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 cttggtaatt tggcatctgt taaggtagga gagtggtgaa cagataatct atgcatatat 900
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 <211> 1666
 <212> DNA
 <213> Homo sapien

<400> 65
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<210> 66
 <211> 425
 <212> DNA
 <213> Homo sapien

<400> 66
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<210> 67
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 <212> DNA
 <213> Homo sapien

<400> 67
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<210> 68
 <211> 567
 <212> DNA
 <213> Homo sapien

<400> 68
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 ggattattta tggcaatcca ttttctacag aatttgaatt ctaaggccat ttgaggtggg 240
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 tatgattcca cagaacaact gtgtaaactt ttaaataaat ttaagctggg ctcaaaaaaa 480
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 atggctcccc cccaattccc aaaaaag 567

<210> 69
 <211> 1007
 <212> DNA
 <213> Homo sapien

<400> 69
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<210> 70
 <211> 568
 <212> DNA
 <213> Homo sapien

<400> 70
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 aagatgcatt ggagtatggt aaataaaaca aaccattttg gattgggtta aattggctcg 480

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acttttttggt gttgttttcc taaaacca 568

<210> 71
<211> 879
<212> DNA
<213> Homo sapien

<400> 71
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<210> 72
<211> 260
<212> DNA
<213> Homo sapien

<400> 72
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tctaaaaaaa caaaaaaaaa acacaaaagg aaaaaaaca aaacaaaaaa aaaaagacag 180
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catcccccg atctgggaac 260

<210> 73
 <211> 826
 <212> DNA
 <213> Homo sapien

<400> 73
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<210> 74
 <211> 3009
 <212> DNA
 <213> Homo sapien

<400> 74
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<210> 75
 <211> 605
 <212> DNA
 <213> Homo sapien

<400> 75
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<210> 76
 <211> 1836
 <212> DNA
 <213> Homo sapien

<400> 76
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<211> 791
<212> DNA
<213> Homo sapien

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<212> DNA
<213> Homo sapien

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<212> DNA
<213> Homo sapien

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<223> a, c, g or t

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 <212> DNA
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 <212> DNA
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 <212> DNA
 <213> Homo sapien

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agtctgtggtt tgatctgatc gatactttcc agtcccgaat caaagatatg gagaagcaga 1740
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ggttccggtg gaggaggagg ttgctggtga tctctgctcc taacgatgaa gactgggcct 1860
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cccagataa cgagaaacgt acaccccatg gtgaaaaaca ccgcacaaat ccacggaccc 2040
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gaagggacca cacacacacc cgcacaacag gacacccaag cggcgccaca acagtcacga 2160
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<210> 99
<211> 488
<212> DNA
<213> Homo sapien

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<220>
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<222> (360)..(362)
<223> a, c, g or t

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<220>
<221> misc_feature
<222> (372)..(374)
<223> a, c, g or t

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<220>
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<223> a, c, g or t

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<223> a, c, g or t

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<220>
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<223> a, c, g or t

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<220>
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<222> (433)..(433)

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<223> a, c, g or t

<220>

<221> misc_feature

<222> (443)..(443)

<223> a, c, g or t

<400> 99

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tttccgctgc ccacctgtca gctatgtgag gcctaaagag agggagggct aggccattcc    180
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ctggatgcgt aggggaaagc agagaaaagg tgatttactg ggacacagag acacaggctg    300
gaacgagcat acgcgatgtg ctcttcotta acaatttctg aaggccattt ttggctgggn    360
nncacagtgg cnnntcacac ctgntannat ccctgcactt tgggaggtaa aggcagagga    420
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<210> 100

<211> 558

<212> DNA

<213> Homo sapien

<220>

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<222> (430)..(432)

<223> a, c, g or t

<220>

<221> misc_feature

<222> (442)..(444)

<223> a, c, g or t

<220>

<221> misc_feature

<222> (454)..(454)

<223> a, c, g or t

<220>

<221> misc_feature

<222> (457)..(458)

<223> a, c, g or t

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<221> misc_feature
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 <223> a, c, g or t

<220>
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 <223> a, c, g or t

<220>
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 <223> a, c, g or t

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 accctgatac tctatgaaga agtaaaaagt agtgctgtaa ttattatcat tattatgtcc 180
 aatggttgag gtttccgctg cccacctgct agctatgtga ggcctaaaga gagggagggc 240
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 gactgctaag ctggatgctg aggggaaagc agagaaaagg tgatttactg ggacacagag 360
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 aggcagagga tttncctggt gtncccaagc agnttacgag tgcctggcca gctggaagcc 540
 tactgcactc tgttggcc 558

<210> 101
 <211> 799
 <212> DNA
 <213> Homo sapien

<400> 101
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 cattaaaatt atgaatatgt cagtaataat ccagcacaca ttgaaatatt gacacagatt 180
 accataatct gtgcaacatc ttataaaca tgatcatttc acagtagtct aaggcttcac 240
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 tgtatcattt gggaagttga taaatatcac ttccttagat accttcattc agtgatatat 360
 ctggctttta caattaaatt ggaaaaggta agtttctctt tgggtgggttg agagttggac 420

catcaattct aatctacaaa aggaaattca tgatttcact ctgacgccta ggatctagcc 480
aaggctgggtc tgcagtatca gatgtccaaa ctcatctact attagccata ttttgtgagt 540
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at ttatttttt taccacttca aaaatggcca ctgtcttttt aacaaacacc aacgacaaca 720
acacacaaaa caaaaaaaaa caccctgcgg cttaccctgg ccctcctttt ccctgttgaa 780
ttgtttcccc cccaatcac 799

<210> 102
<211> 956
<212> DNA
<213> Homo sapien

<400> 102
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aagtcaattt gtagtcagtc cctgggcctg tctttttttt tttttaattt tgaagctacc 180
tgaggtttag aattccttca gccctagctg cttttattct gctttttatt taaacaaaaa 240
gagggggagg atctgaagga aactagtttt ctgtacaaag gctttgaggt ccatggacta 300
tacttgtccc atttatcatc ccagggtggg ctttgaccct gccataccct ggctattaag 360
ataaaaagat ttgtggacat taaaattatg aatatgtcag taataatcca gcacacattg 420
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<210> 103
<211> 488
<212> DNA
<213> Homo sapien

<210>	104
<211>	386
<212>	DNA
<213>	Homo sapien

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<210> 105
<211> 1713
<212> DNA
<213> Homo sapien
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cgcacccgta	gaccagaccc	caaggaccct	ggccaccatg	ggccagagag	cattaccttc		180
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tgggtgtggg	agtgggtgcc	ggctgccttc	tgttccgcc	gctgccggga	ttgcctccag		300
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<210> 106
<211> 797
<212> DNA
<213> Homo sapien
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<400> 106
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agacagtggg gagtggttct ctttcgttgt ctcagggggca gacagatggg gtgctggagt 180

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cctctatcaa agagtcagag ctctatccca gatgtgtaat gaacgtgggc acagacatat 240
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 cataggagcg cagcaatacg tctaaaaata ggagtggagag agggcagggc atgcccgttc 360
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 aaaactaatg gatttttcat tttccagaag agacaagaat caactacact agtagtctgt 600
 cagaacaaaa gaaaacctgc atccaattac aagaattatt actgtctctt taataaataa 660
 ccacattatt taggctgtca aaacacaaaa aaaacaaaaa aacaaaaaca ctgcgggggg 720
 aactacagga gcacaacgtt cccctcgtgt ttaaactttt ttttcgcgcc aaattcccac 780
 cacattagaa caaaggg 797

<210> 107
 <211> 1386
 <212> DNA
 <213> Homo sapien

<400> 107
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 ataggtgggtg agccaccacg cctggcctaa atgaagtacc acatgaccga ccgaccgacc 180
 tggggaacat agcaagaccc catctctaca aaaatgtaaa aaataaaaaat tagccgggtg 240
 tagtgggtaca tgctgtgaat cctagatact cgggaggcta aggcagaagg atcacttgag 300
 cccaggagtt cgaggctaca gtgagctgtg atcgtgccac tgcactccat cctgggtggc 360
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 cccagatgtg taatgaacgt ggtcacagac atattgtccc attaccattt acctcccta 600
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 aataggagtg agagagggca gggcatgcc gttcttgtgg tagaagaaaa gaatgtcaaa 720
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 aaatgtcggc cctcatgagg caactggctt tgacaggagc tacgctaatt accacttacc 840
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<210> 108
<211> 749
<212> DNA
<213> Homo sapien
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<210> 109
<211> 623
<212> DNA
<213> Homo sapien
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<400> 109
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tagaagtttt atgttggttg tctgatctga ttcttcttgt tgtgggtgga acggcactga 120
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 ccttacagat ttgtatatac tgtaattatt caggactagg gaacaaacaa ttgtattgta 420
 tttgttacag attgtatatg gctttgtttt aacattcccc taaataaaat ggcttcattc 480
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<210> 110
 <211> 1944
 <212> DNA
 <213> Homo sapien

<400> 110
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 aataataatg taaagggttc tttctcttgt gtcagttata ttcttaggga tagcctagaa 180
 ggaatatatg gttagaacta agtgtgacta atcatctgag ccttgaagag aaacttcagt 240
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 <212> DNA
 <213> Homo sapien

<400> 111
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 cccttctcct tccatactgc acttaacctt gctggaagat ttaatgatgg agatttaggg 180
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gggtgtccgct attaaatgga accacacatc atgaaattca attctcatgt taagacattc 600
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<210> 112
 <211> 8144
 <212> DNA
 <213> Homo sapien

<400> 112
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 aaaaaatcca gttttaacaa cagtaacttc attctgcggg tatacagaga caagcacggt 540
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<211> 521
<212> DNA
<213> Homo sapien

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<210>	114
<211>	386
<212>	DNA
<213>	Homo sapien

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<211> 765
<212> DNA
<213> Homo sapien
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 tatagaaagc tttgtaaatt gcttttgaat aaatatgtga ctagt 765

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 <212> DNA
 <213> Homo sapien

<400> 116
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 caagtttaaa gtggctgttt attaagttgg ctattttcag aattgaaact ataagaccgc 300
 catttgacac tgaaacttgc gtgaatccta aattgcatca attatctatt tgataa 356

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 <211> 792
 <212> DNA
 <213> Homo sapien

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 agtgaaaggg gatcatctat tgttagatta ggggggtctcg gaaacttttt gaaaattcga 240
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<210> 120
 <211> 1364
 <212> DNA
 <213> Homo sapien

<400> 120
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 <212> DNA
 <213> Homo sapien

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 <212> DNA
 <213> Homo sapien

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 <212> DNA
 <213> Homo sapien

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<210> 124
 <211> 986
 <212> DNA
 <213> Homo sapien

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<210> 125
<211> 986
<212> DNA
<213> Homo sapien
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 <211> 556
 <212> DNA
 <213> Homo sapien

<400> 126
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 ggacattatg aagctt 556

<210> 127
 <211> 1327
 <212> DNA
 <213> Homo sapien

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 <212> DNA
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Variable	Mean	SD	Min	Max
Age	34.5	10.2	21	55
Gender	Male	10.5	0	21
Marital status	Married	15.2	0	21
Education	High school	12.8	0	21
Occupation	Unemployed	18.5	0	21
Income	Low	14.3	0	21
Health status	Good	16.7	0	21
Stress level	High	19.1	0	21
Life satisfaction	Low	13.9	0	21
Resilience	Low	12.4	0	21
Optimism	Low	11.8	0	21
Self-efficacy	Low	10.9	0	21
Hope	Low	10.5	0	21
Positive affect	Low	10.2	0	21
Negative affect	High	15.6	0	21
Emotional stability	Low	11.3	0	21
Neuroticism	High	14.7	0	21
Extraversion	Low	10.8	0	21
Conscientiousness	Low	10.1	0	21
Agreeableness	Low	9.9	0	21
Openness	Low	9.5	0	21
Psychological well-being	Low	10.3	0	21
Life satisfaction	Low	10.1	0	21
Meaning in life	Low	9.8	0	21
Positive affect	Low	9.5	0	21
Negative affect	High	10.2	0	21
Emotional stability	Low	9.9	0	21
Neuroticism	High	10.5	0	21
Extraversion	Low	9.8	0	21
Conscientiousness	Low	9.2	0	21
Agreeableness	Low	8.9	0	21
Openness	Low	8.6	0	21
Psychological well-being	Low	9.4	0	21
Life satisfaction	Low	9.2	0	21
Meaning in life	Low	8.9	0	21
Positive affect	Low	8.6	0	21
Negative affect	High	9.3	0	21
Emotional stability	Low	9.0	0	21
Neuroticism	High	9.6	0	21
Extraversion	Low	8.9	0	21
Conscientiousness	Low	8.3	0	21
Agreeableness	Low	8.0	0	21
Openness	Low	7.7	0	21
Psychological well-being	Low	8.5	0	21
Life satisfaction	Low	8.3	0	21
Meaning in life	Low	8.0	0	21
Positive affect	Low	7.7	0	21
Negative affect	High	8.4	0	21
Emotional stability	Low	8.1	0	21
Neuroticism	High	8.7	0	21
Extraversion	Low	8.0	0	21
Conscientiousness	Low	7.4	0	21
Agreeableness	Low	7.1	0	21
Openness	Low	6.8	0	21
Psychological well-being	Low	7.6	0	21
Life satisfaction	Low	7.4	0	21
Meaning in life	Low	7.1	0	21
Positive affect	Low	6.8	0	21
Negative affect	High	7.5	0	21
Emotional stability	Low	7.2	0	21
Neuroticism	High	7.8	0	21
Extraversion	Low	7.1	0	21
Conscientiousness	Low	6.5	0	21
Agreeableness	Low	6.2	0	21
Openness	Low	5.9	0	21
Psychological well-being	Low	6.7	0	21
Life satisfaction	Low	6.5	0	21
Meaning in life	Low	6.2	0	21
Positive affect	Low	5.9	0	21
Negative affect	High	6.6	0	21
Emotional stability	Low	6.3	0	21
Neuroticism	High	6.9	0	21
Extraversion	Low	6.2	0	21
Conscientiousness	Low	5.6	0	21
Agreeableness	Low	5.3	0	21
Openness	Low	5.0	0	21
Psychological well-being	Low	5.8	0	21
Life satisfaction	Low	5.6	0	21
Meaning in life	Low	5.3	0	21
Positive affect	Low	5.0	0	21
Negative affect	High	5.7	0	21
Emotional stability	Low	5.4	0	21
Neuroticism	High	6.0	0	21
Extraversion	Low	5.3	0	21
Conscientiousness	Low	4.7	0	21
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 <213> Homo sapien

<400> 142
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<211> 192

<212> DNA

<213> Homo sapien

<400> 143

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 <211> 490
 <212> DNA
 <213> Homo sapien

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 <213> Homo sapien

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 <212> DNA
 <213> Homo sapien

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cacacagcag gccacgcggt agagagaaca agaatacaaa ggacaagcga gtagctgtag	600
aagcgatgag agagagcgta cgtagagatg ggggaggaac accacgtagg agcagaactg	660
ctgcactgcg tgcacacgcg acgcgaacag acgaaactac acgaagacaa aaggaaaagg	720
aaaggatggg accagagggg agagccaagc atgagagaca cacaaaagg caccgcacg	780
ctgcatggcg aagcgagaag aacagcagat aaccacaaaa aaaagcacac acgggtgggac	840
atacacacca gaggggggagc atcagacaca gggacaaacc actaaagcag gagaacatgg	900
cgcgaaagga ctgaactaaa cagcacaac acgcaacgag cagcgaacag ccgatcatag	960
gcgtgacacc cgactacagc aaaagaaacg gagaagttat cgacacaagg gatgacaagg	1020
aaacaggcta atggcccaag gagaggaaca ataagatgga tgagcacagt agggcgaaca	1080

<222> (1930)..(1930)

<223> a, c, g or t

<400> 154

gaaaaaataca ttccccggtgt tagtagttct tcatttcctg tctccaacag aaaattcact	60
catttttagaa ctagtgtaat tcttgataat aaaataagag ttttgattaa gaacagcata	120
gagcttcaaa atgcaaagtg aatgattagt aaaattatgt ctcatTTTTat tttttcagca	180
cccataccac aattaatatt aggctggatt gccatgggaa acatttttttg gcattaatgc	240
agcaacataa tactcacttt aggtattact acatagttga aggatttaac tgaatgtatg	300
gatcaaattt atttatttga catattcgaa gctgtgggtt aataggaatt tgagaaaggt	360
gtaagaaata ggataaaaag aaggtcagca ccatgtacca ggaatagctt tactttccat	420
acatagaaat ataaatttag tggatccta tattacttta gtgtcgtacg ctttgtaaga	480
cttaaatatt ttattctatt gattccacta ctttggtatg ttaagacatt tctttaaaga	540
tgaccaacaa tatccttatt ttaggtgcca ctagcagatg taagcgtata cttagttgcc	600
gttagatgtg acagaatgag ataatttatg taaagcagta gagtacctgg cacaaagcaa	660
acaataaata ttattgttat tgttggtata attgtaaaat gaatgacttc aaaaacatag	720
tcccagtttg gagggatttg tgatgcagaa tatctaagtc atagaaatag aagacaggtg	780
gaataagtat atgttcagag ttttttagatg tgttgagtag agacggtaat aatggaagca	840
ttaaatacaa atgaaaatca caccagatat ccctgaaatt caagcaaaga aagttcatca	900
tgtattcttg ggcagcaaga gaaaggacta gggttatggc aatgtgtgga aaagttgagg	960
cttgctaagg gttgagatct gttggtagcc ctggatcaca tggggtcagc accaggcagt	1020
gcctctgaaa gcggagagag gtccctggact tcccttgtgt ataacagttc ctagtgtcca	1080
acaatgagga aacggtgaag catggttaca aaactgtgac aaaaatattt acatctagca	1140
ctgttaccac tcacatgcca aacattggct gcacacgtgc agccttattt gtaattaaca	1200
tcaaaaagact agatctgaag ccttccataa atgagaggcc attcatatgg cattcctgga	1260
acaaaacact gcacaggtac cagcctctcc actcctgacc gggttggtgc tgaacagtca	1320
gggattgttc ttgaactaga cttctgatgc ttcttgcaat cttctttcat ctttccctga	1380
aatacacaaa ataaacaaat acaataacaa atagtaatta aatgactttc aggataacat	1440
ctagttgttc agacttcacc cttcacaggt gtgtgtgtat gtgtgtttat gtctgtatat	1500
tgaagcaatt tgaatttatt tactgtatat tttctgagta aaagactgaa atgaactact	1560
tggttcagat catggtgtcc attggtgaca ttgtttggag gcataatatt ctttatatgg	1620

aaatgtaata tgctcagtgc ttctgtaaaa tgcagcaata ctggtattac tttacatcag 420
 taggcattctt tgacatgagc atataaatat tttgttgact cagcaaagggt gacactttgt 480
 gactaaagta tcccattata tataatgttt tttgaaatgt tggaaatttt ggggaattat 540
 caaatgtata gaagttgcat gaagggtata gagagggtga actgtttgtt aactattaca 600
 tggatttcat actaggcagt gacaactaac atgttacttc aactaaaagt gtataatggg 660
 ttgtcttttt atttatgaaa ataaaagtaa ttttacttac aatttcattg agatcttttg 720
 tttttcgaca aatattttta tacttactaa gccagtagca gttaaaacag tgcaaaatta 780
 ttcttcacag taatgtttta aaatgacaga taaccaggca tgggtggctta cgcctataat 840
 cctagcattt taggaggctt gggcaggaag attgcttgag cccaggagtt gagaccagcc 900
 tggacaacgt ggtgaaaccc tgtctctgta aaaaaaaaa a 941

<210> 157
 <211> 740
 <212> DNA
 <213> Homo sapien

<400> 157
 acttaagcaa atactgagta gtgtttttaa ttcagaaata gagcttctat tatgaacaca 60
 tgagaatgat ttttttctct taatcattat taaggaaata ttttaatttc atggtcatat 120
 aatgggtgata agtaatacct gattgtttcc ttttctgttc tagtaactca gaggagatac 180
 gtgttttatt tgtgatagca aattcctaaa tgaacattag gcaagtggta tcattatcag 240
 gccagctgca gcctcttgcc ttgacctgca ttcctagaat ttctttgttg ctgtaattct 300
 tgattaagtg accttgactt tcattttgta attttgctaa tcatcagcaa attcacttgc 360
 atgacgttac tgccaaatat gaaggcagtt gaattattat gagtgattgt ggcagagggt 420
 tgtgccatgg tgaaaacttt gatgtttgtc tgtgttcatt ggatccatct ttttaaatga 480
 cattaccatg agtctgttgt caaacctaaa tatctttgtt tgaattttta atgggactct 540
 atattgttgt agttcagggt ttcattgact aagagattga gagaaatctg acataagaaa 600
 atattgtttt cactgcagga ataaagagga agtaacagtg aaaaaaaaa caaaaaaaa 660
 aaaaaacaa aaaagggcgg ggggaacagg gcaaaagggt cccgggggga aaatgttccg 720
 ggccaaatca caaaaaaaaa 740

<210> 158
 <211> 1888
 <212> DNA
 <213> Homo sapien

atattaactt aaggtaaaaa agctggatgt gaaggatctg aaaaggcatt aatttatgta 1800
 ctaattctat aaacatgtat taataattgc agtattatta aatacagatg gactcaaaaa 1860
 aaaaaaaaaa aaaaaaaaaa tatgcggc 1888

<210> 159
 <211> 417
 <212> DNA
 <213> Homo sapien

<400> 159
 ccgccccgggc aggtacatac atattctccg ttttgtgctt gcttttgcac cgggtcataa 60
 gggtaaaagc agttagttgt attgtggagt tttgcatggg tgcagttaac aatggatggt 120
 tcatcagctg agtttaattt agtattctct ctccattcta tttggctctg aaataaattc 180
 ttttgcattc atttaaatat taggattgat caggaaatag tgtttgtaac ctacacgttt 240
 atttgagcct ttaaaaatat ttctgaacag agatttaagc tctgtcagta ttttcattta 300
 ctgatagcat ttatatTTTA aatatggcat tgtatatttc attattatcc ttcataacag 360
 aattataatg agaatatgaa tttgttattt ttcttggttg tagatgtgaa aatggtg 417

<210> 160
 <211> 1545
 <212> DNA
 <213> Homo sapien

<400> 160
 tccttctctt catgtacatg tctgtgcaca tgcacgcaca aatacatttg taatctcact 60
 cattaccttt acattttggt tatcagtatt taaacagctg aactgcaatc atgacctaga 120
 atatggctta tggtatgggc aggtctgttt gaggactgct tggaagagtc agaggcagag 180
 gaatttgcta ttgtaagcaa aggtgacatt gctgagccat caggaagcgc tgtggctatt 240
 tctggaaaca aagatgtcat attaaaattg gataagttag agttgggtcat gtgcattggg 300
 ggcatatctg ggagaagagg aaaacttggg tgagcaaacc caacaggtct gggaggagat 360
 tacaaatgta tttgtgcgtg catgtgcaca gacatgtaca tgaagagaag gattgtgtgt 420
 gtgtgtctgt ataatacagtt ttcagttatc ttcataaatg tagggaagcc atgtcagatg 480
 cagatactgg gttgtcagat aaacaagtta tctttcgttt tcaactgcat ggtgtacttt 540
 tttattttcc atagtagatt tacatttcca agttgatatt tcctaaatat ctaattagct 600
 ggaaattggg ggagatcatc ttgtcatgta ctgggttagta ggaggagacc tagactttaa 660
 acttgattgt tgataactta tggaatatgt aggtaagttg ctactgaata aatataggca 720

caccacgccc ctcttgetgt gtgacccggg tcttgatgga ccatggacca gtaccagtat 360
 gtggcccagg ggttggggaa ccttgccttt aaggttccca attatcagct ctgaggtagt 420
 tcaagcaaca gagccccttg acgatgttca gggagatagt cccgatatcc taagggggcc 480
 aattagattc taatggtgtt aaaacacatc ttaattttta ttgtaaaaat atctactctc 540
 ctaagcttag aacaatattg agaagaaatg aagtggatgg tggaaagccct ggggggtggg 600
 ccttcacagt ggggaaggct gtgggtggag agccagggca tcgggtaggt gaaggccagg 660
 gatgccactc agcatcctgt agggcccggg atagcccgca gcagcacaga atgatcccaa 720
 ggctaagaaa cctctatcta gaatgctctt gaatgttcta gaaccgaggt tctttctttt 780
 cttttctttt ctttttcaag acaggaaagt gcttatcaca aagaaccccc gatctcgact 840
 ggggaagggt tggcagttga ctctctggcc agcactatgt gtagcacgca tcactagagg 900
 tgtgaaggcc ccacagaggc tctggtgtgt ggctttgttt tgaccaaggc gtgcaggcag 960
 tggctcctacg gcagggtctg cccgcgcctc gcctcagtgc cctcagcgcc ttctgtcttc 1020
 tggctggatt cagagtcccg ggggaaagag actgaccttc tcgacttgcc ctcaggttga 1080
 ttacgaagcc tcagagccct tgttcaaggc agtcctggag gacacgac 1128

<210> 163
 <211> 870
 <212> DNA
 <213> Homo sapien

<400> 163
 tacgcattta ttttttagact gaacctaaag taggttgttc ttttaacaaa gggtttaatt 60
 cgggtgggga atataacata tcaaaatata tgaaccaatg gaaagttact tctagaaaag 120
 caaagaaatt gggatatcatt tttgtttctt gggaagctaa ttttgttgaa tgtttagaat 180
 tgagcaaaga tgtaaatttt tgaagggcag tttagaaaaa ttaacttgtg aatgaactta 240
 agatgtctgt actctatatg tgatgctgtg cagttgtttt tatatggaaa gatgtcaact 300
 atagccataa ccaataaaat aaaaactgat gaggcagca gctttcagca catcttttat 360
 acatgaagaa attaatattgt gttgctatgg tgttgaaata tccaagatgt tctgtatcta 420
 tgtaaacatg attcctttta taaatgtatt ttattattaa caaacacaaa aaaaaacaa 480
 aaaaaaaaag cgggggcgcc accggggcca agcggcccg ggggcagggt ttcccggcca 540
 aattccccc ataataaac caagaggtca agcaccaaga ctatataaac cgctttatat 600
 acgagagtgt atatcatgga catcttagga ggagtgagac aaaggggtgg ggcgaggac 660
 tcaatgatga agactgcaga cggaggggtga ggagggaggg cagcgcagac aggcgaggcg 720

aaggagagtg agaaagtagt ggagttatca gcgaggagct ttcacgggta ggaggaggga 780
 agatagttgt ggaggaggaa cgacgcgtgg agcggggtgt aggggaggca agatagtggg 840
 gtaggagacc gattgacgag gggcagggga 870

<210> 164
 <211> 1186
 <212> DNA
 <213> Homo sapien

<400> 164
 catcacttaa cgccgggatt atacacattc tagaaatgat ggtgggaatg atttgccttt 60
 aaaagcctac aaattaaaag gggaaagatg ctaagctaga tgctggtttt ctgtaaagat 120
 gaatttgtag gctttttaaag gcaaatacatt cccaccatca cttaacgccg ggattatata 180
 cattctagaa atgattctga gaggagtgtg tagtatgggtg cctatctaca ctcatatgat 240
 attcttattc acgttttttt taaccataag tggcaaatat tttaaaatat ttgaaaaaca 300
 ctccagaatc tagtacgctt tattttttaga ctgaacctaa agtaggttgt tcttttaaca 360
 aagggtttta ttcgggtggg gaataataca tatcaaaata catgaacaaa tggaaagtta 420
 cttctagaaa agcaaagaaa ttgggtatca tttttgtttc ttgggaagct aattttgttg 480
 aatgttttaga attgagcaaa gatgtaaatt tttgaagggc agtttagaaa aattaacttt 540
 gtgaatgaac ttaagatgtc tgtactctat atgtgatgct gtgcagtttg tttttatatg 600
 gaaagatgtc aactatagcc ataaccaata aaataaaaac tgatgaggca tgcagctttc 660
 agcacatttt ttatacatga agaaattaat tttgggttgc tatggtgttg aaaaatccaa 720
 gatgttttgg atttatgtaa acatgattcc ttttaataaat tgtattttat tattaacaaa 780
 cacaaaaaaaa aaacaaaaaaaa aaaaagcggg ggcgccaccg gggccaagcg gcccgggggg 840
 cagggtttcc cgcccaaatt cccccaataa tgaaaccaag aggtcaagca ccaagactat 900
 ataaaccgct ttatatacga gagtgatat catggacatc ttaggaggag tgagacaaag 960
 ggggtggggcg gaggactcaa tgatgaagac tgcagacgga gggtgaggag ggagggcagc 1020
 gcagacaggc gaggcgaagg agagtgagaa agtagtgagg ttatcagcga ggagctttca 1080
 cgggtaggag gagggaagat agttgtggag gaggaacgac gcgtggagcg ggggtgtaggg 1140
 gaggcaagat agtgggtgtag gagaccgatt gacgaggggc agggga 1186

<210> 165
 <211> 96
 <212> PRT
 <213> Homo sapien

<400> 165

Met Ala Phe Ile Leu Ala Arg Thr Val Gln Ile Val Thr Arg Lys Ile
1 5 10 15

Arg Asp Gly Lys Tyr Glu Gln Leu Tyr Phe Asn Arg Cys Arg Lys Gln
20 25 30

Ile Phe Phe Thr Val Glu Ile Trp Leu Leu Asn Leu Trp Gly Leu His
35 40 45

Thr Ser His Leu Glu Thr Arg Leu Gly Gln Leu His Val Glu Arg Asn
50 55 60

Asn Leu Leu Pro Asp His Ile Ser Thr Leu Lys Glu Val Phe Ile Thr
65 70 75 80

Arg Leu Phe Phe Leu Lys Thr Pro Asn Arg Pro Arg Val Thr Lys Asn
85 90 95

<210> 166

<211> 54

<212> PRT

<213> Homo sapien

<400> 166

Met Cys Arg Val Pro Ser Pro Lys Val Asn Leu Glu Pro Leu Asp Asn
1 5 10 15

Thr Asn Lys Asn Ile Tyr Phe Thr Ser Val Ile Tyr Leu Glu Asn Val
20 25 30

Leu Ser Ile Leu His Ile Phe Leu Ile Lys Ser Thr Gly Asp His Cys
35 40 45

Glu Val Asp Ile Leu Phe
50

<210> 167

<211> 50

<212> PRT

<213> Homo sapien

<400> 167

Met Val Phe Tyr Tyr Tyr Tyr Tyr Gly Phe Lys Lys Ser Asn Phe Ile
1 5 10 15

00999999 112101
"06888860"

Ser Phe Cys Lys Glu Leu Ser Asn Ile Leu Tyr Arg Phe Cys Glu Arg
20 25 30

Thr Tyr Phe Leu Thr Val Ile Phe Ile Ser Phe Lys Ile Phe Val Ser
35 40 45

His Leu
50

<210> 168

<211> 229

<212> PRT

<213> Homo sapien

<400> 168

Met Ala Glu Glu Met Glu Ser Ser Leu Glu Ala Ser Phe Ser Ser Ser
1 5 10 15

Gly Ala Val Ser Gly Ala Ser Gly Phe Leu Pro Pro Ala Arg Ser Arg
20 25 30

Ile Phe Lys Ile Ile Val Ile Gly Asp Ser Asn Val Gly Lys Thr Cys
35 40 45

Leu Thr Tyr Arg Phe Cys Ala Gly Arg Phe Pro Asp Arg Thr Glu Ala
50 55 60

Thr Ile Gly Val Asp Phe Arg Glu Arg Ala Val Glu Ile Asp Gly Glu
65 70 75 80

Arg Ile Lys Ile Gln Leu Trp Asp Thr Ala Gly Gln Glu Arg Phe Arg
85 90 95

Lys Ser Met Val Gln His Tyr Tyr Arg Asn Val His Ala Val Val Phe
100 105 110

Val Tyr Asp Met Thr Asn Met Ala Ser Phe His Ser Leu Pro Ser Trp
115 120 125

Ile Glu Glu Cys Lys Gln His Leu Leu Ala Asn Asp Ile Pro Arg Ile
130 135 140

Leu Val Gly Asn Lys Cys Asp Leu Arg Ser Ala Ile Gln Val Pro Thr
145 150 155 160

00999990-112101

Asp Leu Ala Gln Lys Phe Ala Asp Thr His Ser Met Pro Leu Phe Glu
 165 170 175

Thr Ser Ala Lys Asn Pro Asn Asp Asn Asp His Val Glu Ala Ile Phe
 180 185 190

Met Thr Leu Ala His Lys Leu Lys Ser His Lys Pro Leu Met Leu Ser
 195 200 205

Gln Pro Pro Asp Asn Gly Ile Ile Leu Lys Pro Glu Pro Lys Pro Ala
 210 215 220

Met Thr Cys Trp Cys
 225

<210> 169
 <211> 56
 <212> PRT
 <213> Homo sapien

<400> 169

Met Tyr Leu Lys Glu Lys Tyr Pro Asp Leu Lys Pro Thr Ala Asp Val
 1 5 10 15

Ala Asn Phe His Thr Thr Ala Gly His Gly Ser Leu Leu Thr Thr His
 20 25 30

Cys His Leu Arg Leu Cys Leu Cys Phe Ile Gln Arg Glu Arg Gly Gly
 35 40 45

Leu Lys Gly Met Leu Pro Gly Gly
 50 55

<210> 170
 <211> 34
 <212> PRT
 <213> Homo sapien

<400> 170

Met Thr Ser Val Tyr Ala Thr Leu Gly Ser Leu Pro Asp Tyr Lys Val
 1 5 10 15

Pro Phe Met Gly Cys Thr Met Phe Thr Leu Val Ser Gln Glu Asn Ser
 20 25 30

0998990-112101

His Phe Ser Tyr Val Asn Pro Pro His Ser Pro His Ile Ile Ile His
20 25 30

Tyr Asp His Glu Gly Phe Ile Pro Gly Tyr Ser Leu Ile Glu Asn
35 40 45

<210> 179

<211> 85

<212> PRT

<213> Homo sapien

<400> 179

Met Gly Gly Asn Gly Ser Thr Cys Lys Pro Asp Thr Glu Arg Gln Gly
1 5 10 15

Thr Leu Ser Thr Ala Ala Pro Thr Thr Ser Pro Ala Pro Cys Leu Ser
20 25 30

Asn His His Asn Lys Lys His Leu Ile Leu Ala Phe Cys Ala Gly Val
35 40 45

Leu Leu Thr Leu Leu Leu Ile Ala Phe Ile Phe Leu Ile Ile Lys Ser
50 55 60

Tyr Arg Lys Tyr His Ser Lys Pro Gln Ala Pro Asp Pro His Ser Asp
65 70 75 80

Pro Pro Ala Lys Leu
85

<210> 180

<211> 102

<212> PRT

<213> Homo sapien

<400> 180

Asn Gly Ser Thr Cys Lys Pro Asp Thr Glu Arg Gln Gly Thr Leu Ser
1 5 10 15

Thr Ala Ala Pro Thr Thr Ser Pro Ala Pro Cys Leu Ser Asn His His
20 25 30

Asn Lys Lys His Leu Ile Leu Ala Phe Cys Ala Gly Val Leu Leu Thr
35 40 45

FORAT-05858560

154

Leu Leu Leu Ile Ala Phe Ile Phe Leu Ile Ile Lys Ser Tyr Arg Lys
50 55 60

Tyr His Ser Lys Pro Gln Ala Pro Asp Pro His Ser Asp Pro Pro Ala
65 70 75 80

Lys Leu Ser Ser Ile Pro Gly Glu Ser Leu Thr Tyr Ala Ser Thr Thr
85 90 95

Phe Lys Leu Ser Glu Asp
100

<210> 181

<211> 56

<212> PRT

<213> Homo sapien

<400> 181

Met Trp Ala Asp Ile Tyr Lys Asp Val Arg Arg Val Ala Gln Ser Val
1 5 10 15

Phe Phe Phe Val Phe Phe Ser Thr Gln Ala Leu Ile His Phe Ser Asp
20 25 30

Val Phe Pro Lys Asn Glu Thr Tyr Ile Phe Pro Gln Pro Val Leu Arg
35 40 45

Ser Ser Lys Cys Leu Thr Lys Lys
50 55

<210> 182

<211> 742

<212> PRT

<213> Homo sapien

<400> 182

Gly Lys Pro Phe Cys Asn Asn Glu Thr Phe Gly Gln Tyr Pro Leu Gln
1 5 10 15

Val Asn Gly Tyr Arg Asn Leu Asp Glu Cys Leu Glu Gly Ala Met Val
20 25 30

Glu Gly Asp Val Glu Leu Leu Pro Ser Asp His Ser Val Lys Tyr Gly
35 40 45

Gln Glu Arg Trp Phe Thr Lys Leu Pro Pro Val Leu Thr Phe Glu Leu

FORGET - 06888650

155

50

55

60

Ser Arg Phe Glu Phe Asn Gln Ser Leu Gly Gln Pro Glu Lys Ile His
65 70 75 80

Asn Lys Leu Glu Phe Pro Gln Ile Ile Tyr Met Asp Arg Tyr Met Tyr
85 90 95

Arg Ser Lys Glu Leu Ile Arg Asn Lys Arg Glu Cys Ile Arg Lys Leu
100 105 110

Lys Glu Glu Ile Lys Ile Leu Gln Gln Lys Leu Glu Arg Tyr Val Lys
115 120 125

Tyr Gly Ser Gly Pro Ala Arg Phe Pro Leu Pro Asp Met Leu Lys Tyr
130 135 140

Val Ile Glu Phe Ala Ser Thr Lys Pro Ala Ser Glu Ser Cys Pro Pro
145 150 155 160

Glu Ser Asp Thr His Met Thr Leu Pro Leu Ser Ser Val His Cys Ser
165 170 175

Val Ser Asp Gln Thr Ser Lys Glu Ser Thr Ser Thr Glu Ser Ser Ser
180 185 190

Gln Asp Val Glu Ser Thr Phe Ser Ser Pro Glu Asp Ser Leu Pro Lys
195 200 205

Ser Lys Pro Leu Thr Ser Ser Arg Ser Ser Met Glu Met Pro Ser Gln
210 215 220

Pro Ala Pro Arg Thr Val Thr Asp Glu Glu Ile Asn Phe Val Lys Thr
225 230 235 240

Cys Leu Gln Arg Trp Arg Ser Glu Ile Glu Gln Asp Ile Gln Asp Leu
245 250 255

Lys Thr Cys Ile Ala Ser Thr Thr Gln Thr Ile Glu Gln Met Tyr Cys
260 265 270

Asp Pro Leu Leu Arg Gln Val Pro Tyr Arg Leu His Ala Val Leu Val
275 280 285

0999990-112101
TOTAT-06888860

156

His Glu Gly Gln Ala Asn Ala Gly His Tyr Trp Ala Tyr Ile Tyr Asn
290 295 300

Gln Pro Arg Gln Ser Trp Leu Lys Tyr Asn Asp Ile Ser Val Thr Glu
305 310 315 320

Ser Ser Trp Glu Glu Val Glu Arg Asp Ser Tyr Gly Gly Leu Arg Asn
325 330 335

Val Ser Ala Tyr Cys Leu Met Tyr Ile Asn Asp Lys Leu Pro Tyr Phe
340 345 350

Asn Ala Glu Ala Ala Pro Thr Glu Ser Asp Gln Met Ser Glu Val Glu
355 360 365

Ala Leu Ser Val Glu Leu Lys His Tyr Ile Gln Glu Asp Asn Trp Arg
370 375 380

Phe Glu Gln Glu Val Glu Glu Trp Glu Glu Glu Gln Ser Cys Lys Ile
385 390 395 400

Pro Gln Met Glu Ser Ser Thr Asn Ser Ser Ser Gln Asp Tyr Ser Thr
405 410 415

Ser Gln Glu Pro Ser Val Ala Ser Ser His Gly Val Arg Cys Leu Ser
420 425 430

Ser Glu His Ala Val Ile Val Lys Glu Gln Thr Ala Gln Ala Ile Ala
435 440 445

Asn Thr Ala Arg Ala Tyr Glu Lys Ser Gly Val Glu Ala Ala Leu Ser
450 455 460

Glu Ala Phe His Glu Glu Tyr Ser Arg Leu Tyr Gln Leu Ala Lys Glu
465 470 475 480

Thr Pro Thr Ser His Ser Asp Pro Arg Leu Gln His Val Leu Val Tyr
485 490 495

Phe Phe Gln Asn Glu Ala Pro Lys Arg Val Val Glu Arg Thr Leu Leu
500 505 510

Glu Gln Phe Ala Asp Lys Asn Leu Ser Tyr Asp Glu Arg Ser Ile Ser
515 520 525

0598990-112101

Gln	Ala	Asn	Val	Phe	Lys	Gln	Pro	Pro	Ala	Thr	Thr	Thr	Gly	Ala	Ala	370	375	380	
Pro	Pro	Gln	Pro	Pro	Gly	Ala	Leu	Ser	Lys	Pro	Met	Ser	Val	His	Leu	385	390	395	400
Leu	Asn	Gln	Gly	Ser	Ser	Ile	Val	Ile	Pro	Ala	Gln	His	Met	Leu	Pro	405	410	415	
Gly	Gln	Asn	Gln	Phe	Leu	Leu	Pro	Gly	Ala	Pro	Ala	Val	Gln	Leu	Pro	420	425	430	
Gln	Gln	Leu	Ser	Ala	Leu	Pro	Ala	Asn	Val	Gly	Gly	Gln	Ile	Leu	Ala	435	440	445	
Ala	Ala	Ala	Pro	His	Thr	Gly	Gly	Gln	Leu	Ile	Ala	Asn	Pro	Ile	Leu	450	455	460	
Thr	Asn	Gln	Asn	Leu	Ala	Gly	Pro	Leu	Ser	Leu	Gly	Pro	Val	Leu	Ala	465	470	475	480
Pro	His	Ser	Gly	Ala	His	Ser	Ala	His	Ile	Leu	Ser	Ala	Ala	Pro	Ile	485	490	495	
Gln	Val	Gly	Gln	Pro	Ala	Leu	Phe	Gln	Met	Pro	Val	Ser	Leu	Ala	Ala	500	505	510	
Gly	Ser	Leu	Pro	Thr	Gln	Ser	Gln	Pro	Ala	Pro	Ala	Gly	Pro	Ala	Ala	515	520	525	
Thr	Thr	Val	Leu	Gln	Gly	Val	Thr	Leu	Pro	Pro	Ser	Ala	Val	Ala	Met	530	535	540	
Leu	Asn	Thr	Pro	Asp	Gly	Leu	Val	Gln	Pro	Ala	Thr	Pro	Ala	Ala	Ala	545	550	555	560
Thr	Gly	Glu	Ala	Ala	Pro	Val	Leu	Thr	Val	Gln	Pro	Ala	Pro	Gln	Ala	565	570	575	
Pro	Pro	Ala	Val	Ser	Thr	Pro	Leu	Pro	Leu	Gly	Leu	Gln	Gln	Pro	Gln	580	585	590	
Ala	Gln	Gln	Pro	Pro	Gln	Ala	Pro	Thr	Pro	Gln	Ala	Ala	Ala	Pro	Pro				

TOTAL = 06888660

595

600

605

Gln Ala Thr Thr Pro Gln Pro Ser Pro Gly Leu Ala Ser Ser Pro Glu
610 615 620

Lys Ile Val Leu Gly Gln Pro Pro Ser Ala Thr Pro Thr Ala Ile Leu
625 630 635 640

Thr Gln Asp Ser Leu Gln Met Phe Leu Pro Gln Glu Arg Ser Gln Gln
645 650 655

Pro Leu Ser Ala Glu Gly Pro His Leu Ser Val Pro Ala Ser Val Ile
660 665 670

Val Ser Ala Pro Pro Pro Ala Gln Asp Pro Ala Pro Ala Thr Pro Val
675 680 685

Ala Lys Gly Ala Gly Leu Gly Pro Gln Ala Pro Asp Ser Gln Ala Ser
690 695 700

Pro Ala Pro Ala Pro Gln Ile Pro Ala Ala Ala Pro Leu Lys Gly Pro
705 710 715 720

Gly Pro Ser Ser Ser Pro Ser Leu Pro His Gln Ala Pro Leu Gly Asp
725 730 735

Ser Pro His Leu Pro Ser Pro His Pro Thr Arg Pro Pro Ser Arg Pro
740 745 750

Pro Ser Arg Pro Gln Ser Val Ser Arg Pro Pro Ser Glu Pro Pro Leu
755 760 765

His Pro Cys Pro Pro Pro Gln Ala Pro Pro Thr Leu Pro Gly Ile Phe
770 775 780

Val Ile Gln Asn Gln Leu Gly Val Pro Pro Pro Ala Ser Asn Pro Ala
785 790 795 800

Pro Thr Ala Pro Gly Pro Pro Gln Pro Pro Leu Arg Pro Gln Ser Gln
805 810 815

Pro Pro Glu Gly Pro Leu Pro Pro Ala Pro His Leu Pro Pro Ser Ser
820 825 830

0998590-12101

Thr Ser Ser Ala Val Ala Ser Ser Ser Glu Thr Ser Ser Arg Leu Pro
835 840 845

Ala Pro Thr Pro Ser Asp Phe Gln Leu Gln Phe Pro Pro Ser Gln Gly
850 855 860

Pro His Lys Ser Pro Thr Pro Pro Pro Thr Leu His Leu Val Pro Glu
865 870 875 880

Pro Ala Ala Pro Pro Pro Pro Pro Pro Arg Thr Phe Gln Met Val Thr
885 890 895

Thr Pro Phe Pro Ala Leu Pro Gln Pro Lys Ala Leu Leu Glu Arg Phe
900 905 910

His Gln Val Pro Ser Gly Ile Ile Leu Gln Asn Lys Ala Gly Gly Ala
915 920 925

Pro Ala Ala Pro Gln Thr Ser Thr Ser Leu Gly Pro Leu Thr Ser Pro
930 935 940

Ala Ala Ser Val Leu Val Ser Gly Gln Ala Pro Ser Gly Thr Pro Thr
945 950 955 960

Ala Pro Ser His Ala Pro Ala Pro Ala Pro Met Ala Ala Thr Gly Leu
965 970 975

Pro Pro Leu Leu Pro Ala Glu Asn Lys Ala Phe Ala Ser Asn Leu Pro
980 985 990

Thr Leu Asn Val Ala Lys Ala Ala Ser Ser Gly Pro Gly Lys Pro Ser
995 1000 1005

Gly Leu Gln Tyr Glu Ser Lys Leu Ser Gly Leu Lys Lys Pro Pro
1010 1015 1020

Thr Leu Gln Pro Ser Lys Glu Ala Cys Phe Leu Glu His Leu His
1025 1030 1035

Lys His Gln Gly Ser Val Leu His Pro Asp Tyr Lys Thr Ala Phe
1040 1045 1050

Pro Ser Phe Glu Asp Ala Leu His Arg Leu Leu Pro Tyr His Val
1055 1060 1065

Tyr	Gln	Gly	Ala	Leu	Pro	Ser	Pro	Ser	Asp	Tyr	His	Lys	Val	Asp
1070						1075					1080			
Glu	Glu	Phe	Glu	Thr	Val	Ser	Thr	Gln	Leu	Leu	Lys	Arg	Thr	Gln
1085						1090					1095			
Ala	Met	Leu	Asn	Lys	Tyr	Arg	Leu	Leu	Leu	Leu	Glu	Glu	Ser	Arg
1100						1105					1110			
Arg	Val	Ser	Pro	Ser	Ala	Glu	Met	Val	Met	Ile	Asp	Arg	Met	Phe
1115						1120					1125			
Ile	Gln	Glu	Glu	Lys	Thr	Thr	Leu	Ala	Leu	Asp	Lys	Gln	Leu	Ala
1130						1135					1140			
Lys	Glu	Lys	Pro	Asp	Glu	Tyr	Val	Ser	Ser	Ser	Arg	Ser	Leu	Gly
1145						1150					1155			
Leu	Pro	Ile	Ala	Ala	Ser	Ser	Glu	Gly	His	Arg	Leu	Pro	Gly	His
1160						1165					1170			
Gly	Pro	Leu	Ser	Ser	Ser	Ala	Pro	Gly	Ala	Ser	Thr	Gln	Pro	Pro
1175						1180					1185			
Pro	His	Leu	Pro	Thr	Lys	Leu	Val	Ile	Arg	His	Gly	Gly	Ala	Gly
1190						1195					1200			
Gly	Ser	Pro	Ser	Val	Thr	Trp	Ala	Arg	Ala	Ser	Ser	Ser	Leu	Ser
1205						1210					1215			
Ser	Ser	Ser	Ser	Ser	Ser	Ser	Ala	Ala	Ser	Ser	Leu	Asp	Ala	Asp
1220						1225					1230			
Glu	Asp	Gly	Pro	Met	Pro	Ser	Arg	Asn	Arg	Pro	Pro	Ile	Lys	Thr
1235						1240					1245			
Tyr	Glu	Ala	Arg	Ser	Arg	Ile	Gly	Leu	Lys	Leu	Lys	Ile	Lys	Gln
1250						1255					1260			
Glu	Ala	Gly	Leu	Ser	Lys	Val	Val	His	Asn	Thr	Ala	Leu	Asp	Pro
1265						1270					1275			
Val	His	Gln	Pro	Pro	Pro	Pro	Pro	Ala	Thr	Leu	Lys	Val	Ala	Glu
1280						1285					1290			

TOTAL: 0688550

1

165

1505

1510

1515

<210> 185
<211> 42
<212> PRT
<213> Homo sapien

<400> 185

Met Lys His Gly Ser Phe Tyr Phe Thr Val Ser Asn Leu Ile Ala Ser
1 5 10 15

His Leu Lys Ser Ala Lys Ile Glu Leu Pro Lys Lys Cys Tyr Met Pro
20 25 30

Lys Gly Ala His Asn Tyr Leu Met Ala Asn
35 40

<210> 186
<211> 96
<212> PRT
<213> Homo sapien

<400> 186

Met Met Leu Gly Gln Asp Ser Ile Leu Asn Gln Ser Asn Ser Ile Phe
1 5 10 15

Gly Cys Ile Phe Tyr Thr Leu Gln Leu Leu Leu Gly Cys Leu Arg Thr
20 25 30

Arg Trp Ala Ser Val Leu Ile Leu Leu Ser Ser Leu Val Ser Leu Ala
35 40 45

Gly Ser Val Tyr Leu Ala Trp Ile Leu Phe Phe Val Leu Tyr Asp Phe
50 55 60

Cys Ile Val Cys Ile Thr Thr Tyr Ala Ile Asn Val Ser Leu Met Trp
65 70 75 80

Leu Ser Phe Arg Lys Val Gln Glu Pro Gln Gly Lys Ala Lys Arg His
85 90 95

<210> 187
<211> 105
<212> PRT
<213> Homo sapien

<400> 187

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167

Met	Ala	Trp	Arg	Arg	Arg	Glu	Ala	Gly	Val	Gly	Ala	Arg	Gly	Val	Leu
1				5					10					15	
Ala	Leu	Ala	Leu	Leu	Ala	Leu	Ala	Leu	Cys	Val	Pro	Gly	Ala	Arg	Gly
			20					25					30		
Arg	Ala	Leu	Glu	Trp	Phe	Ser	Ala	Val	Val	Asn	Ile	Glu	Tyr	Val	Asp
		35					40					45			
Pro	Gln	Thr	Asn	Leu	Thr	Val	Trp	Ser	Val	Ser	Glu	Ser	Gly	Arg	Phe
	50					55					60				
Gly	Asp	Ser	Ser	Pro	Lys	Glu	Gly	Ala	His	Gly	Leu	Val	Gly	Val	Pro
65					70					75					80
Trp	Ala	Pro	Gly	Gly	Asp	Leu	Glu	Gly	Cys	Ala	Pro	Asp	Thr	Arg	Phe
				85					90					95	
Phe	Val	Pro	Glu	Pro	Gly	Gly	Arg	Gly	Ala	Ala	Pro	Trp	Val	Ala	Leu
			100					105					110		
Val	Ala	Arg	Gly	Gly	Cys	Thr	Phe	Lys	Asp	Lys	Val	Leu	Val	Ala	Ala
		115					120					125			
Arg	Arg	Asn	Ala	Ser	Ala	Val	Val	Leu	Tyr	Asn	Glu	Glu	Arg	Tyr	Gly
		130				135					140				
Asn	Ile	Thr	Leu	Pro	Met	Ser	His	Ala	Gly	Thr	Gly	Asn	Ile	Val	Val
145					150					155					160
Ile	Met	Ile	Ser	Tyr	Pro	Lys	Gly	Arg	Glu	Ile	Leu	Glu	Leu	Val	Gln
				165					170					175	
Lys	Gly	Ile	Pro	Val	Thr	Met	Thr	Ile	Gly	Val	Gly	Thr	Arg	His	Val
			180					185					190		
Gln	Glu	Phe	Ile	Ser	Gly	Gln	Ser	Val	Val	Phe	Val	Ala	Ile	Ala	Phe
		195					200					205			
Ile	Thr	Met	Met	Ile	Ile	Ser	Leu	Ala	Trp	Leu	Ile	Phe	Tyr	Tyr	Ile
	210					215					220				
Gln	Arg	Phe	Leu	Tyr	Thr	Gly	Ser	Gln	Ile	Gly	Ser	Gln	Ser	His	Arg
225					230					235					240

09988890-1101

Lys Glu Thr Lys Lys Val Ile Gly Gln Leu Leu Leu His Thr Val Lys
245 250 255

His Gly Glu Lys Gly Ile Asp Val Asp Ala Glu Asn Cys Ala Val Cys
260 265 270

Ile Glu Asn Phe Lys Val Lys Asp Ile Ile Arg Ile Leu Pro Cys Lys
275 280 285

His Ile Phe His Arg Ile Cys Ile Asp Pro Trp Leu Leu Asp His Arg
290 295 300

Thr Cys Pro Met Cys Lys Leu Asp Val Ile Lys Ala Leu Gly Tyr Trp
305 310 315 320

Gly Glu Pro Gly Asp Val Gln Glu Met Pro Ala Pro Glu Ser Pro Pro
325 330 335

Gly Arg Asp Pro Ala Ala Asn Leu Ser Leu Ala Leu Pro Asp Asp Asp
340 345 350

Gly Ser Asp Glu Ser Ser Pro Pro Ser Ala Ser Pro Ala Glu Ser Glu
355 360 365

Pro Gln Cys Asp Pro Ser Phe Lys Gly Asp Ala Gly Glu Asn Thr Ala
370 375 380

Leu Leu Glu Ala Gly Arg Ser Asp Ser Arg His Gly Gly Pro Ile Ser
385 390 395 400

<210> 190

<211> 46

<212> PRT

<213> Homo sapien

<400> 190

Met Gly Glu Leu Gly Pro Gly Lys Lys Phe Pro Pro Gly Thr Pro Leu
1 5 10 15

Trp Pro Arg Val Pro Gln Ala Phe Phe Phe Phe Leu Phe Phe Phe
20 25 30

Phe Phe Gln Cys Ile Ser Ser Met Phe Leu Leu Gly Lys Asn
35 40 45

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<213> Homo sapien

<400> 198

Asn Leu Cys Ser Leu Ile Ile Pro Leu Arg Glu Val Thr Ile Val Glu
1 5 10 15

Lys Ala Asp Ser Ser Ser Val Leu Pro Ser Pro Leu Ser Ile Ser Thr
20 25 30

Arg Asn Arg Met Thr Phe Leu Phe Ala Asn Leu Lys Asp Arg Asp Phe
35 40 45

Leu Val Gln Arg Ile Ser Asp Phe Leu Gln Gln Thr Thr Ser Lys Ile
50 55 60

Tyr Ser Asp Lys Glu Phe Ala Gly Ser Tyr Asn Ser Ser Asp Asp Glu
65 70 75 80

Val Tyr Ser Arg Pro Ser Ser Leu Val Ser Ser Ser Pro Gln Arg Ser
85 90 95

Thr Ser Ser Asp Ala Asp Gly Glu Arg Gln Phe Asn Leu Asn Gly Asn
100 105 110

Ser Val Pro Thr Ala Thr Gln Thr Leu Met Thr Met Tyr Arg Arg Arg
115 120 125

Ser Pro Glu Glu Phe Asn Pro Lys Leu Ala Lys Glu Phe Leu Lys Glu
130 135 140

Gln Ala Trp Lys Ile His Phe Ala Glu Tyr Gly Gln Gly Ile Cys Met
145 150 155 160

Tyr Arg Thr Glu Lys Thr Arg Glu Leu Val Leu Lys Gly Ile Pro Glu
165 170 175

Ser Met Arg Gly Glu Leu Trp Leu Leu Leu Ser Gly Ala Ile Asn Glu
180 185 190

Lys Ala Thr His Pro Gly Tyr Tyr Glu Asp Leu Val Glu Lys Ser Met
195 200 205

Gly Lys Tyr Asn Leu Ala Thr Glu Glu Ile Glu Arg Asp Leu His Arg
210 215 220

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"06858560"

Ser Leu Pro Glu His Pro Ala Phe Gln Asn Glu Met Gly Ile Ala Ala
 225 230 235 240
 Leu Arg Arg Val Leu Thr Ala Tyr Ala Phe Arg Asn Pro Asn Ile Gly
 245 250 255
 Tyr Cys Gln Ala Met Asn Ile Val Thr Ser Val Leu Leu Leu Tyr Ala
 260 265 270
 Lys Glu Glu Glu Ala Phe Trp Leu Leu Val Ala Leu Cys Glu Arg Met
 275 280 285
 Leu Pro Asp Tyr Tyr Asn Thr Arg Val Val Gly Ala Leu Val Asp Gln
 290 295 300
 Gly Val Phe Glu Glu Leu Ala Arg Asp Tyr Val Pro Gln Leu Tyr Asp
 305 310 315 320
 Cys Met Gln Asp Leu Gly Val Ile Ser Thr Ile Ser Leu Ser Trp Phe
 325 330 335
 Leu Thr Leu Phe Leu Ser Val Met Pro Phe Glu Ser Ala Val Val Val
 340 345 350
 Val Asp Cys Phe Phe Tyr Glu Gly Ile Lys Val Ile Phe Gln Leu Ala
 355 360 365
 Leu Ala Val Leu Asp Ala Asn Val Asp Lys Leu Leu Asn Cys Lys Asp
 370 375 380
 Asp Gly Glu Ala Met Thr Val Leu Gly Arg Tyr Leu Asp Ser Val Thr
 385 390 395 400
 Asn Lys Asp Ser Thr Leu Pro Pro Ile Pro His Leu His Ser Leu Leu
 405 410 415
 Ser Asp Asp Val Glu Pro Tyr Pro Glu Val Asp Ile Phe Arg Leu Ile
 420 425 430
 Arg Thr Ser Tyr Glu Lys Phe Gly Thr Ile Arg Ala Asp Leu Ile Glu
 435 440 445
 Gln Met Arg Phe Lys Gln Arg Leu Lys Val Ile Gln Thr Leu Glu Asp
 450 455 460

09969600 12101
 06969600

Thr Thr Lys Arg Asn Val Val Arg Thr Ile Val Thr Glu Thr Ser Phe
 465 470 475 480
 Thr Ile Asp Glu Leu Glu Glu Leu Tyr Ala Leu Phe Lys Val Ser Cys
 485 490 495
 Lys Ala Glu His Leu Thr Ser Cys Tyr Trp Gly Gly Ser Ser Asn Ala
 500 505 510
 Leu Asp Arg His Asp Pro Ser Leu Pro Tyr Leu Glu Gln Tyr Arg Ile
 515 520 525
 Asp Phe Glu Gln Phe Lys Gly Met Phe Ala Leu Leu Phe Pro Trp Ala
 530 535 540
 Cys Gly Thr His Ser Asp Val Leu Ala Ser Arg Leu Phe Gln Leu Leu
 545 550 555 560
 Asp Glu Asn Gly Asp Ser Leu Ile Asn Phe Arg Glu Phe Val Ser Gly
 565 570 575
 Leu Ser Ala Ala Cys His Gly Asp Leu Thr Glu Lys Leu Lys Leu Leu
 580 585 590
 Tyr Lys Met His Val Leu Pro Glu Pro Ser Ser Asp Gln Asp Glu Pro
 595 600 605
 Asp Ser Ala Phe Glu Ala Thr Gln Tyr Phe Phe Glu Asp Ile Thr Pro
 610 615 620
 Glu Cys Thr His Val Val Gly Leu Asp Ser Arg Ser Lys Gln Gly Ala
 625 630 635 640
 Asp Asp Gly Phe Val Thr Val Ser Leu Lys Pro Asp Lys Gly Lys Arg
 645 650 655
 Ala Asn Ser Gln Glu Asn Arg Asn Tyr Leu Arg Leu Trp Thr Pro Glu
 660 665 670
 Asn Lys Ser Lys Ser Lys Asn Ala Lys Asp Leu Pro Lys Leu Asn Gln
 675 680 685
 Gly Gln Phe Ile Glu Leu Cys Lys Thr Met Tyr Asn Met Phe Ser Glu

00998890-112101

175

690

695

700

Asp Pro Asn Glu Gln Glu Leu Tyr His Ala Thr Ala Ala Val Thr Ser
705 710 715 720

Leu Leu Leu Glu Ile Gly Glu Val Gly Lys Leu Phe Val Ala Gln Pro
725 730 735

Ala Lys Glu Gly Gly Ser Gly Gly Ser Gly Pro Ser Cys His Gln Gly
740 745 750

Ile Pro Gly Val Leu Phe Pro Lys Lys Gly Pro Gly Gln Pro Tyr Val
755 760 765

Val Glu Ser Val Glu Pro Leu Pro Ala Ser Leu Ala Pro Asp Ser Glu
770 775 780

Glu His Ser Leu Gly Gly Gln Met Glu Asp Ile Lys Leu Glu Asp Ser
785 790 795 800

Ser Pro Arg Asp Asn Gly Ala Cys Ser Ser Met Leu Ile Ser Asp Asp
805 810 815

Asp Thr Lys Asp Asp Ser Ser Met Ser Ser Tyr Ser Val Leu Ser Ala
820 825 830

Gly Ser His Glu Glu Asp Lys Leu His Cys Glu Asp Ile Gly Glu Asp
835 840 845

Thr Val Leu Val Arg Ser Gly Gln Gly Thr Ala Ala Leu Pro Arg Ser
850 855 860

Thr Ser Leu Asp Arg Asp Trp Ala Ile Thr Phe Glu Gln Phe Leu Ala
865 870 875 880

Ser Leu Leu Thr Glu Pro Ala Leu Val Lys Tyr Phe Asp Lys Pro Val
885 890 895

Cys Met Met Ala Arg Ile Thr Ser Ala Lys Asn Ile Arg Met Met Gly
900 905 910

Lys Pro Leu Thr Ser Ala Ser Asp Tyr Glu Ile Ser Ala Met Ser Gly
915 920 925

"TOTAL" 06862650

145 150 155 160
 Ser Gln Leu Ser Arg Lys Asn Asn Ile Pro Ala Asn Phe Thr Arg Ser
 165 170 175
 Gly Asn Lys Leu Asn His Gln Lys Asp Thr Arg Gln Ala Thr Phe Leu
 180 185 190
 Phe Arg Arg Gly Leu Lys Val Gln Ala Gln Leu Asn Thr Glu Gln Leu
 195 200 205
 Leu Asp Asp Val Val Ala Lys Arg Thr Arg Gln Trp Arg Thr Ser Thr
 210 215 220
 Thr Asn Gly Gly Ile Leu Thr Val Ser Ile Asp Asn Pro Gly Ala Val
 225 230 235 240
 Gln Cys Pro Val Thr Gln Lys Pro Arg Leu Thr Arg Thr Ala Val Pro
 245 250 255
 Ser Phe Leu Thr Lys Arg Glu Gln Ser Asp Val Lys Lys Val Pro Lys
 260 265 270
 Gly Val Pro Leu Gln Phe Asp Ile Asn Ser Val Gly Lys Gln Thr Gly
 275 280 285
 Met Thr Leu Asn Glu Arg Phe Gly Ile Leu Lys Glu Gln Arg Ala Thr
 290 295 300
 Leu Thr Tyr Asn Lys Gly Gly Ser Arg Phe Val Thr Val Gly
 305 310 315

 <210> 201
 <211> 102
 <212> PRT
 <213> Homo sapien

 <400> 201
 Met Ile Lys Lys Arg Leu Ile Gly Ile Phe Val Asn Phe Arg Lys Gly
 1 5 10 15
 Ile Phe Val Asn Leu Tyr Gly Gln Ser Ile Thr Thr Asn Lys His Thr
 20 25 30
 Asn Thr Gln Gln Arg Thr Ala Phe Gly Glu Lys Pro His Gly Ala Lys

0998990 112104
 101211 0686860

35

40

45

Glu Arg Lys Gly Pro Pro Gly Gly Glu Thr Ser Gly Asp Thr Thr Pro
 50 55 60

Gly Thr Asn Asn His His Gln Gln Lys Leu Ser Ala Lys Gln Thr Lys
 65 70 75 80

Lys Asn Lys Thr Gln Thr Lys Asn Lys Arg Thr Arg Asn Glu Asp Thr
 85 90 95

Lys Lys Asn Asn Lys Gln
 100

<210> 202

<211> 107

<212> PRT

<213> Homo sapien

<400> 202

Met Glu Thr Gln Pro Leu Leu Leu Tyr Leu Thr Leu Gly Ser Tyr Leu
 1 5 10 15

Phe Phe Leu Ser Pro Gln Ile Phe Leu Ser Leu Leu Glu Trp Asp Leu
 20 25 30

Cys His Leu Arg Gly Cys Ser Ala Tyr Arg Gly Trp Ala Ala Thr Glu
 35 40 45

Val Glu Leu Leu Arg Pro Arg Leu Arg Gly Leu Val Ala Arg Gln Pro
 50 55 60

Cys Thr Ile Phe Phe Ser Thr Pro Ser Leu Val Phe Asn Ser Leu Val
 65 70 75 80

Gly Gly Leu Ala Ala Pro Ser Phe Ile Arg Arg Glu Ala Asn Gly Arg
 85 90 95

Gly Pro Gly Gln Trp Arg Val Val Pro His Lys
 100 105

<210> 203

<211> 93

<212> PRT

<213> Homo sapien

0998990-112101

Ile Ser Met Thr Val Ser His Thr Asn Tyr Trp Val Arg Phe Phe Ser
50 55 60

Cys Tyr Arg Pro Thr Ser Cys Cys Leu Cys Val Val Leu Gln Lys Leu
65 70 75 80

Ser Ile Pro Thr Pro Leu Leu Cys His Leu Gln Glu Ser Gly Ile Val
85 90 95

Arg Ser Gln Leu Arg Lys Val Leu Val Pro Leu Thr Gly His Ile Leu
100 105 110

<210> 212

<211> 56

<212> PRT

<213> Homo sapien

<400> 212

Met Pro Pro Arg Gly Ser Gln Ala Val Ser Ser Ser Gly Arg Ala Ile
1 5 10 15

Asn Leu Ser Ser Gly Gln Glu Lys Thr Asp His Trp Ser Pro Lys Met
20 25 30

Leu Asp Ser Ile Ala Arg Ser His Leu Asn Asn Ser Asp Cys Ser Phe
35 40 45

Thr Gln Val Val Val Gln Asn Leu
50 55

<210> 213

<211> 118

<212> PRT

<213> Homo sapien

<400> 213

Glu Arg Gln Gly Thr Leu Ser Thr Ala Ala Pro Thr Thr Ser Pro Ala
1 5 10 15

Pro Cys Leu Ser Asn His His Asn Lys Lys His Leu Ile Leu Ala Phe
20 25 30

Cys Ala Gly Val Leu Leu Thr Leu Leu Ile Ala Phe Ile Phe Leu
35 40 45

185

Glu Cys Lys Tyr Val Thr His Lys Met His Trp Ser Met Val Asn Lys
35 40 45

Thr Asn His Phe Gly Leu Val
50 55

<210> 216
<211> 129
<212> PRT
<213> Homo sapien

<400> 216

Met Val Ser Arg Pro His Asn Pro Pro Lys Lys Tyr Ala Ala Ser Lys
1 5 10 15

Thr Cys Cys Asp Asp Glu Ala Arg Thr Ser Thr Thr Thr Arg Arg His
20 25 30

Glu Ala Pro Gln Asn Gly Glu Arg Arg Lys Thr Arg Thr Arg Lys Thr
35 40 45

Arg Asn Glu Glu Thr Glu Arg Thr Pro His Arg Arg Gln Thr Arg Asp
50 55 60

Arg Lys Lys Gln Glu Thr Met Val Pro His Arg Ala Glu Thr Arg Ser
65 70 75 80

Ala Ala Gln Arg Glu Gln Ser Thr Glu Ala Asn Ser Arg Ser Thr Gln
85 90 95

Ser Lys Ala Pro Gln Leu Arg Thr Pro Thr Thr Gln Glu Ala Glu Arg
100 105 110

Glu Ser Asn Thr His Thr His Ala Thr Gln Ala Thr Glu Arg Arg Thr
115 120 125

Arg

<210> 217
<211> 58
<212> PRT
<213> Homo sapien

<400> 217

Met Gly Ala Asn Pro Pro Phe His Pro Gly Ser Pro Leu Val Pro Pro

FOR "000000"

1 5 10 15

Arg Val Ser Pro Gln Leu Ser Phe Phe Phe Cys Phe Val Phe Phe Pro
20 25 30

Phe Val Phe Phe Phe Cys Phe Phe Arg Phe Phe Ile Ile Leu Phe Thr
35 40 45

Arg Tyr Thr Gly Leu Lys Lys Ile Ile Ser
50 55

<210> 218
<211> 116
<212> PRT
<213> Homo sapien

<400> 218

Met Thr Gln Leu Arg His Gln Gln Lys Lys Lys Lys Lys Ala Gly Arg
1 5 10 15

Thr Gln Gly Gln Ser Gly Ser Arg Cys Arg Met Val Ile Pro Pro Thr
20 25 30

Phe Pro His Asn Thr Ala Thr Thr Thr His Thr His His His His Thr
35 40 45

Ala His Pro Ser Ala His Thr His Thr Thr Asn Arg Ser Ala Gly Arg
50 55 60

Asp Arg Pro Arg Lys Gln Thr Glu Pro Ala Gln Thr Ser Lys His His
65 70 75 80

Thr Asn Gly Gln His Asp Thr Thr Ala Gln Gly Thr His Lys His Asp
85 90 95

Ser Thr Trp Pro Thr Pro Pro Pro Arg Ser Tyr Pro His Gly Arg Arg
100 105 110

Ser Pro Pro Thr
115

<210> 219
<211> 600
<212> PRT
<213> Homo sapien

Met 1	Gly	Lys	Lys	Leu 5	Asp	Leu	Ser	Lys	Leu 10	Thr	Asp	Glu	Glu	Ala 15	Gln
His	Val	Leu	Glu 20	Val	Val	Gln	Arg	Asp 25	Phe	Asp	Leu	Arg	Arg 30	Lys	Glu
Glu	Glu	Arg 35	Leu	Glu	Ala	Leu	Lys 40	Gly	Lys	Ile	Lys	Lys 45	Glu	Ser	Ser
Lys	Arg 50	Glu	Leu	Leu	Ser	Asp 55	Thr	Ala	His	Leu	Asn 60	Glu	Thr	His	Cys
Ala 65	Arg	Cys	Leu	Gln	Pro 70	Tyr	Gln	Leu	Leu	Val 75	Asn	Ser	Lys	Arg	Gln 80
Cys	Leu	Glu	Cys	Gly 85	Leu	Phe	Thr	Cys	Lys 90	Ser	Cys	Gly	Arg	Val 95	His
Pro	Glu	Glu	Gln 100	Gly	Trp	Ile	Cys	Asp 105	Pro	Cys	His	Leu	Ala 110	Arg	Val
Val	Lys	Ile 115	Gly	Ser	Leu	Glu	Trp 120	Tyr	Tyr	Glu	His	Val 125	Lys	Ala	Arg
Phe	Lys 130	Arg	Phe	Gly	Ser	Ala 135	Lys	Val	Ile	Arg	Ser 140	Leu	His	Gly	Arg
Leu 145	Gln	Gly	Gly	Ala	Gly 150	Pro	Glu	Leu	Ile	Ser 155	Glu	Glu	Arg	Ser	Gly 160
Asp	Ser	Asp	Gln	Thr 165	Asp	Glu	Asp	Gly	Glu 170	Pro	Gly	Ser	Glu	Ala 175	Gln
Ala	Gln	Ala	Gln 180	Pro	Phe	Gly	Ser	Lys 185	Lys	Lys	Arg	Leu	Leu 190	Ser	Val
His	Asp 195	Phe	Asp	Phe	Glu	Gly	Asp 200	Ser	Asp	Asp	Ser	Thr 205	Gln	Pro	Gln
Gly	His 210	Ser	Leu	His	Leu	Ser 215	Ser	Val	Pro	Glu	Ala 220	Arg	Asp	Ser	Pro
Gln	Ser	Leu	Thr	Asp	Glu	Ser	Cys	Ser	Glu	Lys	Ala	Ala	Pro	His	Ly

225		230		235		240									
Ala	Glu	Gly	Leu	Glu	Glu	Ala	Asp	Thr	Gly	Ala	Ser	Gly	Cys	His	Ser
			245						250					255	
His	Pro	Glu	Glu	Gln	Pro	Thr	Ser	Ile	Ser	Pro	Ser	Arg	His	Gly	Ala
		260						265					270		
Leu	Ala	Glu	Leu	Cys	Pro	Pro	Gly	Gly	Ser	His	Arg	Met	Ala	Leu	Gly
		275					280					285			
Thr	Ala	Ala	Ala	Leu	Gly	Ser	Asn	Val	Ile	Arg	Asn	Glu	Gln	Leu	Pro
	290					295					300				
Leu	Gln	Tyr	Leu	Ala	Asp	Val	Asp	Thr	Ser	Asp	Glu	Glu	Ser	Ile	Arg
305					310					315					320
Ala	His	Val	Met	Ala	Ser	His	His	Ser	Lys	Arg	Arg	Gly	Arg	Ala	Ser
				325					330					335	
Ser	Glu	Ser	Gln	Ile	Phe	Glu	Leu	Asn	Lys	Arg	Ile	Ser	Ala	Val	Glu
			340					345					350		
Cys	Leu	Leu	Thr	Tyr	Leu	Glu	Asn	Thr	Val	Val	Pro	Pro	Leu	Ala	Lys
		355					360					365			
Gly	Leu	Gly	Ala	Gly	Val	Arg	Thr	Glu	Ala	Asp	Val	Glu	Glu	Glu	Ala
	370					375					380				
Leu	Arg	Arg	Lys	Leu	Glu	Glu	Leu	Thr	Ser	Asn	Val	Ser	Asp	Gln	Glu
385					390					395					400
Thr	Ser	Ser	Glu	Glu	Glu	Glu	Ala	Lys	Asp	Glu	Lys	Ala	Glu	Pro	Asn
			405						410					415	
Arg	Asp	Lys	Ser	Val	Gly	Pro	Leu	Pro	Gln	Ala	Asp	Pro	Glu	Val	Gly
			420					425					430		
Thr	Ala	Ala	His	Gln	Thr	Asn	Arg	Gln	Glu	Lys	Ser	Pro	Gln	Asp	Pro
		435					440					445			
Gly	Asp	Pro	Val	Gln	Tyr	Asn	Arg	Thr	Thr	Asp	Glu	Glu	Leu	Ser	Glu
	450					455					460				

189

Leu Glu Asp Arg Val Ala Val Thr Ala Ser Glu Val Gln Gln Ala Glu
465 470 475 480

Ser Glu Val Ser Asp Ile Glu Ser Arg Ile Ala Ala Leu Arg Ala Ala
485 490 495

Gly Leu Thr Val Lys Pro Ser Gly Lys Pro Arg Arg Lys Ser Asn Leu
500 505 510

Pro Ile Phe Leu Pro Arg Val Ala Gly Lys Leu Gly Lys Arg Pro Glu
515 520 525

Asp Pro Asn Ala Asp Pro Ser Ser Glu Ala Lys Ala Met Ala Val Pro
530 535 540

Tyr Leu Leu Arg Arg Lys Phe Ser Asn Ser Leu Lys Ser Gln Gly Lys
545 550 555 560

Asp Asp Asp Ser Phe Asp Arg Lys Ser Val Tyr Arg Gly Ser Leu Thr
565 570 575

Gln Arg Asn Pro Asn Ala Arg Lys Gly Met Ala Ser His Thr Phe Ala
580 585 590

Lys Pro Val Val Ala His Gln Ser
595 600

<210> 220

<211> 48

<212> PRT

<213> Homo sapien

<400> 220

Met Met Ile Leu Ser Gln Lys Gly Leu Phe Thr Val Tyr Val Asp Ile
1 5 10 15

Lys Leu Thr Val Cys Ile Tyr Lys Cys Arg Cys Ala Glu Ala Ile Tyr
20 25 30

Thr Lys Thr Gly Ile Leu Thr Ser Asp Arg Tyr Val Arg Asn Ala Glu
35 40 45

<210> 221

<211> 58

<212> PRT

<213> Homo sapien

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<210> 224
 <211> 41
 <212> PRT
 <213> Homo sapien

<400> 224

Met Ser Leu Phe Val Thr His Asn Val Leu Tyr Arg Lys Leu Leu Leu
 1 5 10 15

Ser Tyr Val Ile Leu Ala Val Asp Val Thr Ala Cys His Gln Val Gln
 20 25 30

Tyr Val Ile Cys Ile Ser Leu Phe Ser
 35 40

<210> 225
 <211> 318
 <212> PRT
 <213> Homo sapien

<400> 225

Met Glu Ala Leu Ala Leu Val Gly Ala Trp Tyr Thr Ala Arg Lys Ser
 1 5 10 15

Ile Thr Val Ile Cys Asp Phe Tyr Ser Leu Ile Arg Leu His Phe Ile
 20 25 30

Pro Arg Leu Gly Ser Arg Ala Asp Leu Ile Lys Gln Tyr Gly Arg Trp
 35 40 45

Ala Val Val Ser Gly Ala Thr Asp Gly Ile Gly Lys Ala Tyr Ala Glu
 50 55 60

Glu Leu Ala Ser Arg Gly Leu Asn Ile Ile Leu Ile Ser Arg Asn Glu
 65 70 75 80

Glu Lys Leu Gln Val Val Ala Lys Asp Ile Ala Asp Thr Tyr Lys Val
 85 90 95

Glu Thr Asp Ile Ile Val Ala Asp Phe Ser Ser Gly Arg Glu Ile Tyr
 100 105 110

Leu Pro Ile Arg Glu Ala Leu Lys Asp Lys Asp Val Gly Ile Leu Val
 115 120 125

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 "TOTAL"

Asn Asn Val Gly Val Phe Tyr Pro Tyr Pro Gln Tyr Phe Thr Gln Leu
 130 135 140

Ser Glu Asp Lys Leu Trp Asp Ile Ile Asn Val Asn Ile Ala Ala Ala
 145 150 155 160

Ser Leu Met Val His Val Val Leu Pro Gly Met Val Glu Arg Lys Lys
 165 170 175

Gly Ala Ile Val Thr Ile Ser Ser Gly Ser Cys Cys Lys Pro Thr Pro
 180 185 190

Gln Leu Ala Ala Phe Ser Ala Ser Lys Ala Tyr Leu Asp His Phe Ser
 195 200 205

Arg Ala Leu Gln Tyr Glu Tyr Ala Ser Lys Gly Ile Phe Val Gln Ser
 210 215 220

Leu Ile Pro Phe Tyr Val Ala Thr Ser Met Thr Ala Pro Ser Asn Phe
 225 230 235 240

Leu His Arg Cys Ser Trp Leu Val Pro Ser Pro Lys Val Tyr Ala His
 245 250 255

His Ala Val Ser Thr Leu Gly Ile Ser Lys Arg Thr Thr Gly Tyr Trp
 260 265 270

Ser His Ser Ile Gln Phe Leu Phe Ala Gln Tyr Met Pro Glu Trp Leu
 275 280 285

Trp Val Trp Gly Ala Asn Ile Leu Asn Arg Ser Leu Arg Lys Glu Ala
 290 295 300

Leu Ser Cys Thr Ala Arg Lys Glu Ala Leu Ser Cys Thr Ala
 305 310 315

<210> 226

<211> 37

<212> PRT

<213> Homo sapien

<400> 226

Met Ala Gly Ser Gly Lys Val Pro Ile Thr Thr Thr Tyr Lys Pro Pro
 1 5 10 15


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<210> 229
<211> 52
<212> PRT
<213> Homo sapien
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<211> 273
 <212> PRT
 <213> Homo sapien

<400> 231

Arg Gly Pro Ala Arg Ser Ala Ala Pro Ala Gly Gly Ser Ser Ser Gly
 1 5 10 15

Cys Gly Ala Ala Pro Gly Ala Gly Gly Gly Arg Arg Pro Gly His Gly
 20 25 30

Arg Pro Val Gly Pro Gly Thr Ala Ala Gly Ala Ala Gly Pro Gly Leu
 35 40 45

Pro Ala Arg Thr His His Arg His His Pro Gly Cys Leu Pro Gln Gln
 50 55 60

Ala Ala Pro Pro Ala Gly Arg Gly Pro Ala Ala Arg Arg Gly Ala Ala
 65 70 75 80

Ala Gly Gly Gly Pro Ala Ala Gly Arg Gly Ala Val Thr Gly Arg Gly
 85 90 95

Pro Val Thr Arg Gly Cys Ala Ala Ala Arg Pro Ala Arg Arg Gly Leu
 100 105 110

Ser Ala Gly Gly Ala Leu Ala Leu Pro Ala Gly Leu Gly Leu Gly Leu
 115 120 125

Arg Asp Pro Gly Ala Tyr Gly Asp Ile Arg Pro Ser Ala Ala Ser Trp
 130 135 140

Val Gly Ser Arg Gly Leu Ala Tyr Pro Pro Ala Arg Arg Asn Ser Gly
 145 150 155 160

Ala Ala Pro Arg Ser Gly Ala Ala Pro Gly Gly Arg Gly Arg Pro Asp
 165 170 175

Ala Arg Gln Gly His Ala Gly Pro Gly Ser Arg Gly Pro Pro Leu Val
 180 185 190

Gly Ser Val Ser Arg Pro Gly Ala Ala Ala Phe Leu Pro Pro Arg Ser
 195 200 205

Arg Pro Ala Pro Gly Pro Ala Gly Asp Ser Ser Gly Pro Cys Trp Arg

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220

<210>	233
<211>	260
<212>	PRT
<213>	Homo sapien

Glu Lys Lys Lys Lys Met Lys Asn Glu Asn Ala Asp Lys Leu Leu Lys
1 5 10 15

Ser Glu Lys Gln Met Lys Lys Ser Glu Lys Lys Ser Lys Gln Glu Lys
20 25 30

Glu Lys Ser Lys Lys Lys Lys Gly Gly Lys Thr Glu Gln Asp Gly Tyr
35 40 45

Gln Lys Pro Thr Asn Lys His Phe Thr Gln Ser Pro Lys Lys Ser Val
50 55 60

Ala Asp Leu Leu Gly Ser Phe Glu Gly Lys Arg Arg Leu Leu Leu Ile
65 70 75 80

Thr Ala Pro Lys Ala Glu Asn Asn Met Tyr Val Gln Gln Arg Asp Glu
85 90 95

Tyr Leu Glu Ser Phe Cys Lys Met Ala Thr Arg Lys Ile Ser Val Ile
100 105 110

Thr Ile Phe Gly Pro Val Asn Asn Ser Thr Met Lys Ile Asp His Phe
115 120 125

Gln Leu Asp Asn Glu Lys Pro Met Arg Val Val Asp Asp Glu Asp Leu
130 135 140

Val	Asp	Gln	Arg	Leu	Ile	Ser	Glu	Leu	Arg	Lys	Glu	Tyr	Gly	Met	Thr
145					150					155					160

Tyr Asn Asp Phe Phe Met Val Leu Thr Asp Val Asp Leu Arg Val Lys
165 170 175

Gln Tyr Tyr Glu Val Pro Ile Thr Met Lys Ser Val Phe Asp Leu Ile
180 185 190

Asp Thr Phe Gln Ser Arg Ile Lys Asp Met Glu Lys Gln Lys Lys Glu
195 200 205

Gly Ile Val Cys Lys Glu Asp Lys Lys Gln Ser Leu Glu Asn Phe Leu
210 215 220

Ser Arg Phe Arg Trp Arg Arg Arg Leu Leu Val Ile Ser Ala Pro Asn

225

230

235

240

Asp Glu Asp Trp Ala Tyr Ser Gln Gln Leu Ser Ala Leu Ser Gly Gln
 245 250 255

Ala Cys Thr Leu
 260

<210> 234
 <211> 72
 <212> PRT
 <213> Homo sapien

<400> 234

Met Glu Gly Glu Lys Gly Gln Glu Pro Gln Lys Leu Arg Asn Gly Leu
 1 5 10 15

Ala Leu Pro Leu Phe Arg Pro His Ile Ala Asp Arg Trp Ala Ala Glu
 20 25 30

Thr Ser Thr Ile Gly His Asn Asn Asp Asn Asn Tyr Ser Thr Thr Phe
 35 40 45

Tyr Phe Phe Ile Glu Tyr Gln Gly Leu Gln Ser Ala Phe Thr Leu Ile
 50 55 60

Ile Leu Trp Val Gly Thr Cys Pro
 65 70

<210> 235
 <211> 52
 <212> PRT
 <213> Homo sapien

<400> 235

Met Thr Leu Phe Ile Arg Cys Cys Thr Asn Tyr Gly Asn Leu Cys Gln
 1 5 10 15

Tyr Phe Asn Val Cys Trp Ile Ile Thr Asp Ile Phe Ile Ile Leu Met
 20 25 30

Ser Thr Asn Leu Phe Ile Leu Ile Ala Arg Val Ser Leu Gly Ser Lys
 35 40 45

His His Leu Gly
 50

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<213> Homo sapien

<400> 238

Ser Pro His Gln Ala Ala Ala Pro Val Asp Gln Thr Pro Arg Thr Leu
1 5 10 15

Ala Thr Met Gly Gln Arg Ala Leu Pro Ser Ser Leu Ala Leu Leu Ser
20 25 30

Arg Pro Leu Ser Pro Pro Pro Ala Ala Cys Ser Gly Asp Pro Gly Cys
35 40 45

Gly Ser Gly Ala Gly Leu Pro Ser Ala Ser Ala Ala Ala Gly Ile Ala
50 55 60

Ser Ser Ala Val Glu Pro Val Cys Gly Asp Ala Ala Pro Ala Cys Leu
65 70 75 80

Leu Arg Thr Pro Leu Arg Gly Leu Leu Lys Pro Thr Gly Pro Arg Ser
85 90 95

Thr Met Glu Cys Pro Pro Ala Leu Ile Val His Pro Pro Ala Gly Gly
100 105 110

Met Ala Ser Gly Ser Ser Gln Pro Trp Ala Ala Ala Ser Ala Thr Pro
115 120 125

Met Leu Ser Ser Lys Ala Ser Leu Cys Ile Pro Thr Arg Gly Pro Pro
130 135 140

Pro Gln Pro Leu Met Arg Thr Pro Ala Ala Arg Ser His Trp Pro Ile
145 150 155 160

Pro His Pro Cys Asp Thr Ala Cys Pro Ala Pro Leu Pro Val Val Leu
165 170 175

Val Ala Pro Arg Ser Thr Ile Leu Ser Met Ser Arg Thr Trp Thr Cys
180 185 190

Arg Arg Trp Ala Val Ala Pro Cys Arg Ala Glu Lys Leu Met Cys Ser
195 200 205

Ser Ser Arg Ser
210

TOTAL = 06666560

<210> 239
 <211> 62
 <212> PRT
 <213> Homo sapien

<400> 239

Met Asn Phe Thr Leu Ala Ile Phe His Tyr Phe Ser Leu Ser Gln Met
 1 5 10 15

Ser Val Leu Met Arg Gln Leu Ala Leu Thr Gly Ala Thr Leu Met Cys
 20 25 30

His Leu Pro Thr Phe Asn Phe Trp Val Lys Ala Glu Arg Glu Lys Leu
 35 40 45

Met Asp Phe Ser Phe Ser Arg Arg Asp Lys Asn Gln Leu His
 50 55 60

<210> 240
 <211> 128
 <212> PRT
 <213> Homo sapien

<400> 240

Cys Leu Ile Ser Ala Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys
 1 5 10 15

Lys Lys Lys Asn Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys
 20 25 30

Lys Lys Thr Lys Lys Arg Arg Gly Gly Gly Arg Glu Lys Glu Pro Arg
 35 40 45

Gly Glu His Arg Ala Gly Arg Arg Ala His Met Lys Lys Ala Thr Gln
 50 55 60

Lys Lys Lys His Lys Thr Ser Lys Arg Lys Gln Lys Lys Ala Glu Arg
 65 70 75 80

Glu Lys Val Thr Arg Arg Ile Glu Arg Lys Ala Leu Gln Asp Gln His
 85 90 95

Gly Thr Asn Gln Lys Gln Ile Asn Lys Glu Asn Lys Thr Asp Thr Arg
 100 105 110

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202

Cys Gln Arg Ala Asn Ala Arg Thr Met Glu Thr Gly Lys Gln His Lys
115 120 125

<210> 241
<211> 41
<212> PRT
<213> Homo sapien

<400> 241

Met Leu Leu Glu Arg Arg Ser Val Met Asp Ala Trp Ser Arg Arg Gly
1 5 10 15

Thr Phe Ser Lys Ile Ser Met Gln Leu Phe Asn Arg Glu Ser Arg Phe
20 25 30

His Gln Asp Ser Asn Gln Ser Asn Ile
35 40

<210> 242
<211> 42
<212> PRT
<213> Homo sapien

<400> 242

Met Pro Tyr Phe Trp Arg Lys Val Gly Asn Ile Gly Val Ser Leu Ser
1 5 10 15

Val Ser Gln Glu Asp Ser Phe Val Leu Leu Gly Glu Pro Val Pro Tyr
20 25 30

Arg Phe Val Tyr Thr Val Ile Ile Gln Asp
35 40

<210> 243
<211> 45
<212> PRT
<213> Homo sapien

<400> 243

Met Glu Pro His Ile Met Lys Phe Asn Ser His Val Lys Thr Phe Cys
1 5 10 15

Ile Val Gly Cys Gln Lys Tyr Phe Pro Asn Phe Arg Leu Thr Cys Arg
20 25 30

Ala Gly Asp Gly Leu Pro Pro Tyr Asn Phe Lys Ser Val
35 40 45

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<400> 244

Ile Gln Lys Gly Lys Asn Asn Gln Val Gly Ala Trp Thr Leu Leu Leu
20 25 30

Val Leu Pro Ser Pro Gln Asp Val Ser Ser His Ser Gly Pro Arg Ala
35 40 45

Leu Thr Asn Arg Thr Pro Phe Cys Pro Gln Thr Glu Cys Phe Asn Phe
50 55 60

Ile Arg Phe Leu Gln Pro Tyr Asn Ala Ser His Leu Tyr Val Cys Gly
65 70 75 80

Thr Tyr Ala Phe Gln Pro Lys Cys Thr Tyr Val Asn Met Leu Thr Phe
85 90 95

Thr Leu Glu His Gly Glu Phe Glu Asp Gly Lys Gly Lys Cys Pro Tyr
100 105 110

Asp Pro Ala Lys Gly His Ala Gly Leu Leu Val Asp Gly Glu Leu Tyr
115 120 125

Ser Ala Thr Leu Asn Asn Phe Leu Gly Thr Glu Pro Ile Ile Leu Arg
130 135 140

Asn Met Gly Pro His His Ser Met Lys Thr Glu Tyr Leu Ala Phe Trp
145 150 155 160

Leu Asn Glu Pro His Phe Val Gly Ser Ala Tyr Val Pro Glu Ser Val
165 170 175

Gly Ser Phe Thr Gly Asp Asp Asp Lys Val Tyr Phe Phe Phe Arg Glu
180 185 190

Arg Ala Val Glu Ser Asp Cys Tyr Ala Glu Gln Val Val Ala Arg Val
195 200 205

Val Lys Leu Leu Phe Ala Gly Ser Arg Ser Gln Leu Val Gln Leu Pro

445

Leu Val Tyr Pro Leu Glu Leu Pro Lys Glu Pro Thr Ser Pro Pro Phe
660 665 670

Met Ala Gln Ile Val Gly Lys Glu Lys Thr Phe Leu Phe Lys Gln Arg

207

1 5 10 15

Lys Gly Phe Gly Glu Lys Thr Gly Ser Gly Ser Gly Glu Val Phe Val
20 25 30

Met Leu Gly Asp Arg Leu
35

<210> 247
<211> 31
<212> PRT
<213> Homo sapien

<400> 247

Met Phe Cys Leu Cys Ser Pro Val Leu Cys Tyr Cys Asn Phe Phe Phe
1 5 10 15

Phe Tyr Thr Lys His Val Thr Trp Thr Asn Val Arg Gln Met Thr
20 25 30

<210> 248
<211> 50
<212> PRT
<213> Homo sapien

<400> 248

Met Arg Asn Ser Ser Pro Ile Leu Thr Pro Ala Leu Phe Ser Phe His
1 5 10 15

Met Tyr Ile Gly Pro Leu Ile Arg Ile Phe Lys Lys Phe Pro Arg Pro
20 25 30

Pro Asn Leu Thr Ile Asp Asp Pro Leu Ser Leu Phe Arg Arg Asn Tyr
35 40 45

Ile Gly
50

<210> 249
<211> 77
<212> PRT
<213> Homo sapien

<400> 249

Met Leu Leu Ala Val Arg Thr Thr Val Ile Cys Leu Gln Ser Cys Cys
1 5 10 15

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Ile His Thr Thr Gly Glu Lys Glu Tyr Thr Gln Arg Gly Lys Arg Gly
20 25 30

Asn Thr Ala Gln Lys Pro His Arg Gln Ala Gln Gln Asp Arg Ala Thr
 35 40 45

Gly His Asp Ala Thr Arg Thr Arg Pro Arg Ala Leu Trp Asn Gly Ala
 50 55 60

Ala Gly Arg Val Glu Ala Gly Ser Leu His Gln Gly Arg Arg Ala Asp
 65 70 75 80

Trp Arg Gly Gly Gly Glu Ala Gly Asp Arg Asn Arg Glu Arg Glu Gly
 85 90 95

Gly Lys Cys Ala Gly Gly Arg Lys Arg Arg Arg Arg Glu Gly Thr Glu
 100 105 110

Gly Glu Thr Gln Gln
 115

<210> 252
 <211> 66
 <212> PRT
 <213> Homo sapien

<400> 252

Met Val Val Cys Leu Trp Leu Cys Ser Ser Val Ser Leu Ala Leu Cys
 1 5 10 15

Val Ser Phe Val Ala Leu Ser Ser Val Pro Ser Cys Leu Arg Thr Val
 20 25 30

Gly Gly Asp Phe Gly Arg Gly Asn Gln Phe Leu Pro Arg Gly Pro Ala
 35 40 45

Leu Ala Gln Gly Ser Pro Ser Ala Phe Phe Leu Phe Cys Cys Phe Phe
 50 55 60

Phe Phe
 65

<210> 253
 <211> 31
 <212> PRT
 <213> Homo sapien

<400> 253

Met Leu Glu Ala Ile Leu Gly Pro Val Ser Asn Ser Leu Tyr Val Ser

<210> 257
 <211> 31
 <212> PRT
 <213> Homo sapien

<400> 257

Met Ile Leu Leu Phe Leu Ser Lys Thr Ser Ser Ser Lys Ile Val Tyr
 1 5 10 15

Met Val Thr Phe Val Ser Asn Asn Val Met Val Asn Ser Gly Tyr
 20 25 30

<210> 258
 <211> 62
 <212> PRT
 <213> Homo sapien

<400> 258

Met Thr Ser Ser Met Leu Lys Ser Glu Ser Ser Ala Ser Ile Phe Val
 1 5 10 15

Ile Pro His Ile Gln Ser Ser Ala Lys Ser Cys Gln Phe Tyr Leu Lys
 20 25 30

Ser Phe Pro Ser Phe Phe Leu Thr Tyr Val Ile Ser Val Val Ser Gln
 35 40 45

Leu His Leu Ser Ser Tyr Ser Ser Leu Leu Tyr Thr Gln Cys
 50 55 60

<210> 259
 <211> 103
 <212> PRT
 <213> Homo sapien

<400> 259

Phe Phe Val Phe Ala Arg Gln Gly Leu Thr Leu Ser Pro Arg Leu Glu
 1 5 10 15

Cys Ser Gly Met Ile Ile Thr His Cys Ser Leu Gln Leu Leu Gly Ser
 20 25 30

Ser Asn Ser Pro Ala Ser Ala Ser Ala Glu Thr Glu Thr Ile Gly Met
 35 40 45

Arg His His Ile Trp Leu Thr Phe Gln Leu Ser Val Glu Thr Gly Ser

50

55

60

Cys Tyr Val Ala Gln Ala Ala Leu Lys Phe Leu Ala Ser Ser Asn Pro
65 70 75 80

Leu Ala Ser Ala Ser His Ser Thr Gly Ile Thr Gly Met Ser His Pro
85 90 95

Thr Pro Pro Gln Ser Asp Phe
100

<210> 260

<211> 42

<212> PRT

<213> Homo sapien

<400> 260

Met Val Gln Ser Ser Asp His Met Glu Val Gly Lys Arg Glu Leu Ile
1 5 10 15

Thr Gly Leu Tyr Ala Gly Glu Trp Ile Val Leu Ile Leu Thr Val Ser
20 25 30

Lys Glu Asn Gln Leu Ser Ser Ser Ser Arg
35 40

<210> 261

<211> 26

<212> PRT

<213> Homo sapien

<400> 261

Met Thr Cys Phe Lys Leu Leu Phe Tyr Val Leu Leu Tyr Phe Cys Ser
1 5 10 15

His Leu His Val Ala Lys Gln Ile Met Leu
20 25

<210> 262

<211> 397

<212> PRT

<213> Homo sapien

<400> 262

Met Glu Gly Asn Arg Asp Glu Ala Glu Lys Cys Val Glu Ile Ala Arg
1 5 10 15

TOTAL: 06868660

Glu Ala Leu Asn Ala Gly Asn Arg Glu Lys Ala Gln Arg Phe Leu Gln
20 25 30

Lys Ala Glu Lys Leu Tyr Pro Leu Pro Ser Ala Arg Ala Leu Leu Glu
35 40 45

Ile Ile Met Lys Asn Gly Ser Thr Ala Gly Asn Ser Pro His Cys Arg
50 55 60

Lys Pro Ser Gly Ser Gly Asp Gln Ser Lys Pro Asn Cys Thr Lys Asp
65 70 75 80

Ser Thr Ser Gly Ser Gly Glu Gly Gly Lys Gly Tyr Thr Lys Asp Gln
85 90 95

Val Asp Gly Val Leu Arg Ala Leu Trp Ile Leu Glu His Ala Tyr Gly
100 105 110

Met Val Asp Leu Tyr Leu Thr His Thr Thr Asn Lys Cys Lys Asn Tyr
115 120 125

Tyr Glu Val Asp Gly Val Thr Lys Asp Ala Gly Asp Glu Asp Leu Lys
130 135 140

Lys Ala Tyr Arg Lys Leu Ala Leu Lys Phe His Pro Asp Lys Asn His
145 150 155 160

Ala Pro Gly Ala Thr Asp Ala Phe Lys Lys Ile Gly Asn Ala Tyr Ala
165 170 175

Val Leu Ser Asn Pro Glu Lys Arg Lys Gln Tyr Asp Leu Thr Gly Asn
180 185 190

Glu Glu Gln Ala Cys Asn His Gln Asn Asn Gly Arg Phe Asn Phe His
195 200 205

Arg Gly Cys Glu Ala Asp Ile Thr Pro Glu Asp Leu Phe Asn Ile Phe
210 215 220

Phe Gly Gly Gly Phe Pro Ser Gly Ser Val His Ser Phe Ser Asn Gly
225 230 235 240

Arg Ala Gly Tyr Ser Gln Gln His Gln His Arg His Ser Gly His Glu
245 250 255

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Met Ser Val Leu Cys Val
50

<400> 264

Ser Gly Lys Leu Tyr Ser His Ser Lys Ile Gln Ser Met Leu Leu
20 25 30

<400> 265

Gly Leu Leu Val Ala Phe Ser Ala Cys Thr Thr Val Leu Val Ala Val
20 25 30

Ala Val Ser Asn Ile His Asn Leu Asn Ser Val His Gln Ser Pro His
50 55 60

Leu Gly Thr Phe Leu Phe Leu Ala Glu Val Val Leu Val Gly Trp Val
85 90 95

Pro Thr Ser Arg Val Pro Gly Thr Leu Ala Pro Val Ala Thr Ser Leu
115 120 125

Ser Pro Ala Ser Asn Leu Pro Arg Ser Ser Ala Ser Ala Ala Pro Ser
130 135 140

216

Gln Ala Glu Pro Ala Cys Pro Pro Arg Gln Ala Cys Gly Gly Gly Gly
145 150 155 160

Ala His Gly Pro Gly Trp Gln Ala Ala Met Ala Ser Thr Ala Ile Met
165 170 175

Val Pro Val Gly Leu Val Phe Val Ala Phe Ala Leu His Phe Tyr Arg
180 185 190

Ser Leu Val Ala His Lys Thr Asp Arg Tyr Lys Gln Glu Leu Glu Glu
195 200 205

Leu Asn Arg Leu Gln Gly Glu Leu Gln Ala Val
210 215

<210> 266
<211> 33
<212> PRT
<213> Homo sapien

<400> 266

Met Phe Thr Arg Lys Pro Lys Ser Ser Lys Ala Gln Leu Leu Leu Leu
1 5 10 15

Arg Thr Leu His Gln Leu Leu Phe Gln Thr Ser Leu Gln Leu Leu Gly
20 25 30

Leu

<210> 267
<211> 88
<212> PRT
<213> Homo sapien

<400> 267

Gly Arg Val Arg Phe Val Val Glu Leu Ala Asp Pro Lys Leu Glu Val
1 5 10 15

Lys Trp Tyr Lys Asn Gly Gln Glu Ile Arg Pro Ser Thr Lys Tyr Ile
20 25 30

Phe Glu His Lys Gly Cys Gln Arg Ile Leu Phe Ile Asn Asn Cys Gln
35 40 45

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Ser Thr Glu Leu Phe Val Arg Glu Pro Pro Phe Met Val Pro Ser Ser
65 70 75 80

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<210> 268
<211> 11
<212> PRT
<213> Homo sapien
```

Met Trp Arg Ala Lys Gln Tyr Asp Leu Gln Thr
1 5 10

```
<210> 269
<211> 32
<212> PRT
<213> Homo sapien
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Met Glu Gln Ile Glu Asp Asn Asp Ile Cys Phe Tyr Tyr Lys Val Phe
1 5 10 15

His His Leu Ile Ser Leu Thr His Ile Met Arg Pro Ala Phe Glu Glu
20 25 30

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<210> 270
<211> 19
<212> PRT
<213> Homo sapien
```

Met His Ile Lys Met His Ser Leu Ser Cys Pro Asn Asn Tyr His Ile
1 5 10 15

Thr Leu Trp

```
<210> 271
<211> 173
<212> PRT
<213> Homo sapien
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<400> 271

Met Ile Gly Cys Ser Leu Leu Val Ala Cys Leu Cys Cys Leu Val Gln
1 5 10 15

Ser Phe Arg Ala Met Phe Ser Cys Phe Ser Gly Leu Ser Leu Cys Leu
20 25 30

Met Leu Pro Leu Trp Cys Val Cys Pro Thr Val Cys Ala Phe Phe Cys
35 40 45

Gly Tyr Leu Leu Phe Phe Ser Leu Arg His Ala Ala Cys Gly Cys Leu
50 55 60

Leu Val Cys Leu Ser Cys Leu Ala Leu Pro Ser Gly Pro Ile Leu Ser
65 70 75 80

Phe Ser Phe Cys Leu Arg Val Val Ser Ser Val Arg Val Ala Cys Ala
85 90 95

Arg Ser Ala Ala Val Leu Leu Leu Arg Gly Val Pro Pro Pro Ser Leu
100 105 110

Arg Thr Leu Ser Leu Ile Ala Ser Thr Ala Thr Arg Leu Ser Phe Val
115 120 125

Phe Leu Phe Ser Leu Pro Arg Gly Leu Leu Cys Val Gly Gly Ser Gly
130 135 140

Ser Val Leu Gly Ser Leu Val Arg Arg Ala Gln Ser Val Gly Leu Arg
145 150 155 160

Asp Phe Val Ser Val Leu Gln Val Val Leu Thr Cys Leu
165 170

<210> 272

<211> 20

<212> PRT

<213> Homo sapien

<400> 272

Met Ile Gly Ile Thr Trp Cys Phe Glu Leu Ile His Pro Thr Leu Glu
1 5 10 15

Leu Thr Ala Thr
20

<400> 273

<400> 274

Glu Val Ile His Phe Thr Ile Ile Thr Thr Ile Thr Ile Ile Phe Ile
65 70 75 80

Ala Leu Thr Lys Gln Val Leu Lys Gly Ser Arg Ser Ser Glu Leu Leu
35 40 45

Gly Gln Ala Ala Arg Asn Met Val Leu Gln Glu Asp Ala Ile Leu His
50 55 60

Ser Glu Asp Ser Leu Arg Lys Met Ala Ile Ile Thr Thr His Leu Gln
65 70 75 80

Tyr Gln Gln Glu Ala Ile Gln Lys Asn Val Glu Gln Ser Ser Asp Leu
85 90 95

Gln Asp Gln Leu Asn His Leu Leu Lys
100 105

<210> 278

<211> 41

<212> PRT

<213> Homo sapien

<400> 278

Met Lys His Pro Leu Leu Thr Ala Pro Met Gln Asn Ser Thr Ile Gln
1 5 10 15

Leu Thr Ala Phe Thr Leu Met Thr Arg Cys Lys Ser Lys His Lys Thr
20 25 30

Glu Asn Met Tyr Val Pro Ala Arg Ala
35 40

<210> 279

<211> 35

<212> PRT

<213> Homo sapien

<400> 279

Met Phe Arg Glu Ile Val Pro Ile Ser Gln Gly Gly Gln Leu Asp Ser
1 5 10 15

Asn Gly Val Lys Thr His Leu Lys Val Tyr Cys Lys Asn Ile Tyr Ser
20 25 30

Pro Lys Leu
35

<210> 280

<211> 83

<212> PRT

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<400> 280

Val Leu Asp Leu Leu Val Ser Leu Leu Gly Glu Phe Gly Arg Glu Thr
20 25 30

Cys Phe Phe Phe Val Phe Val Asn Asn Lys Ile His Leu Leu Lys Glu
50 55 60

Ser Cys Leu His Arg Tyr Arg Thr Ser Trp Ile Phe Gln His His Ser
65 70 75 80

Asn Thr Asn